Nº 27
May. 2022

Selvamar Noticias

English Version

NEW

* La revista del Radioaficionado

Best MINI Youtube Channel dedicated to amateur radio

The woman on the ISS

Using Raspberry Pi for amateur radio

HamSignal.net A social network for radio amateurs

Do you have what it takes to be TOP BULB?

Tip for the reception of Goes 16

Some factors interesting of the satellites that they will amaze

En el concurso
Diploma Día Internacional de la Mujer 2022
organizado por la revista Selvamar Noticias, el ganador del manipulador Morse obsequiado por **MFJ** fue:

EA8CEM Juan Pedro
Con un total de 97 puntos

Selvamar Noticias
* La revista del Radioaficionado

Cover of this month:
Image courtesy of
SMA NOAA Satellite 2.0 Group



Drafting and Editing
EA1CIU - Tomás Manuel Abeigón
XQ1ROA - "Tuty" Carmen Fortuño
XQ4NUA - Leticia San Martin
EA8MU - Saúl García
XE1YYG - Verónica Morales

Collaborators:
EA2DNV - Txemi
Echolink and activities
Manolo "Meteorito"
CB section
EC1RS - Rubén
News and opinion
SMA-NOAA-AMATEURS
Radio. meteorology and satellites.
EA1OK -Viri
Technology
LU7DSY Carlos Almirón
Present

This month we continue with our adventure.
Selvamar Noticias magazine and his stories are published in three languages:
Spanish, Catalan and English.
We know that the translations may not be the best but we will try to make them within what is considered logical.
Even so, if you detect and / or want to collaborate with the correction, you are invited.

VERSIÓ CATALANA

English Version

Direction.
EA3IAZ - Manuel Carrasco Serra
EA3IEW - Juan José Martínez González



Selvamar Noticias
C/ Ciutadans Nº 4
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Barcelona
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MERCÁU ASTUR RADIO

FERIA DEL RADIOAFICIONADO

30 DE ABRIL 2022

Palacio de Congresos Ciudad de Oviedo
UNIÓN DE RADIOAFICIONADOS VETUSTA
Sección Local de U.R.E. en Oviedo

mercau.es

Foto: Víctor Berenguer

CAJA RURAL
DE ASTURIAS



What's cooking in Selvamar News



As you know from the magazine we want to continue doing radio, this month for the fourth consecutive year we propose the World Environment Day diploma that we will carry out between May 31 and June 6.



On this occasion we wanted to be part of the award ceremony for the URE San Vicent del Raspeig Trophy by collaborating with a gift for the participants.



Selvamar Noticias is preparing for the MERCAU ASTUR RADIO to be held in Oviedo on April 30, in which we will be with our stand sharing and exchanging knowledge with fellow radio amateurs.
Note- For the kids we will have a gift.



Sunday Bulletin of the Mexican Federation of Radio Experimenters
For a few weeks we have been broadcasting this bulletin on the YouTube channel, which, led by XE1AQY Hiram Alvarez, introduces us to the events of Mexican amateur radio.

Dear companions. NEW, now you can collaborate with Selvamar Noticias Magazine.



How? Well, you can make voluntary donations through our website. You will collaborate making possible a better publication, a better diffusion and better contents.
So cheer up and make your voluntary contributions, you won't regret it.

We wait for you.

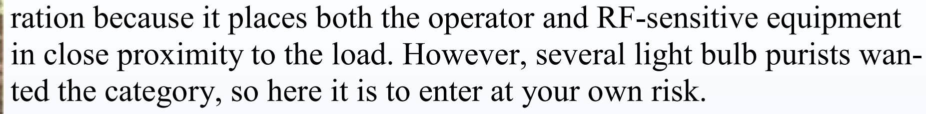




Do you have what it takes to be TOP BULB?

We've all heard the stories... Joe Elmer was so good at tuning antennas that he did a 20M QSO of 100 miles with a normal 100 watt household light bulb. So here is your chance to try it out. Go traditional and compete with just a dummy load of light bulbs. Or get creative and come up with an antenna design that uses the light bulb as a key component that makes your antenna work. Five competition categories give you different paths to earn bragging rights as a TOP BULB in the 2019 Lightbulb QSO contest. The competition categories are:

1. Domestic: An antenna built from any light bulb available for purchase in normal home use applications.
2. Commercial/Industrial: An antenna built with any bulb available for purchase in commercial and/or industrial applications.
3. Homebrew – An antenna built from any household light bulb that radiates visible light when power is applied.





4. Dummy Load: Any bulb that normally serves as a dummy load (see miscellaneous rules). Note that managers do not recommend this category of operation because it places both the operator and RF-sensitive equipment in close proximity to the load. However, several light bulb purists wanted the category, so here it is to enter at your own risk.
5. Freestyle: anything goes. Get creative and put all your Christmas lights together, whatever you want and as many bulbs as you like. Take down the power grid if you have to...we just don't care, but we certainly want to reward extreme creativity.



Objective:

The objective of the Lightbulb QSO contest is to build and use an antenna constructed so that the lightbulb is a key component of the antenna and to promote the understanding and practical application of antenna combination concepts that allow a lightbulb to be used as a radiator. . in two-way radio communications.

For additional information on how a bulb antenna works, click on this link:
https://hamsignal.com/blog/light-bulb-antenna-basics-and-faq



Seen on Whatsapp
Reflection of Rubén EA5HTK



Look, I always say the same thing, in this world no one is born knowing, but we learn as we grow, that's true, but I'm also going to tell you one thing... it's never too late to learn... no matter how old we are.

I always have a project for each day, I don't know, my mind is a "planner", and it is with that illusion that I wake up day after day.

It is true that having knowledge and ideas, the right tool and available material goes a long way when launching yourself into any project, but that, for now we can have it, and if someone does not have it, you can buy the parts and wait. to carry out our project.

I will tell you that in electronics, not everything is rosy, and many times not everything works the first time, but... dear friends!!!. We have to start with something.

That's what messing around is, playing, breaking, repairing....it encompasses everything.... And if when I was 8 years old I hadn't broken some commercial band radio to my parents, who opened them to see what they had inside and if they neglected to take away all the components, how would we have learned?... The important thing in life is not to fall, but to know how to get up, look ahead and say... I am capable!!!.

EA5HTK



L´Altra Radio
ICT Communication and Dissemination Award



In 42 years of broadcasting, more than 200 people have made Radio 4's L'altra ràdio possible.
In the last few hours we have received many congratulations on learning that L'altra ràdio of Radio 4 (RTVE in Catalonia) had received the "ICT Communication and Dissemination Award" at the 27th Night of Telecommunications and Information Technology, organized by the Catalan Association of Telecommunications Engineering and Digital Technologies (Telecos.cat) and the College of Computer Engineering of Catalonia. Thank you very much to all the people who have done it personally or through telematic social networks.
This award is the most important awarded by the professional sector of Information and Communication Technologies in Catalonia. Three years ago, the program received the National Communication Award, in the Broadcasting category, awarded by the Generalitat de Catalunya. The most important thing that any Catalan radio program can aspire to. Throughout its history, L'altra ràdio, directed and presented by Cinto Niqui, has received 9 awards from the radio, journalistic and ICT sectors. A summary of our history can be read on the web
http://www.altraradio.cat/

Did you know?



The WARC bands are 3 HF frequency ranges used by licensed ham radio operators. They consist of 30 meters (10,100-10,150 MHz), 17 meters (18,068-18,168 MHz) and 12 meters (24,890-24,990 MHz). They got their name from the World Radio Administrative Conference which in 1979 created a worldwide allocation of these bands for amateur use. The bands were opened up for use in the early 1980s. Due to their relatively small bandwidth of 100 kHz or less, there is something of a gentleman's agreement that the WARC bands cannot be used for general contests.
.



THE RENAISSANCE OF HAM RADIO.

By Carlos Almiron.

Throughout the COVID-19 pandemic, many people across the globe have had to get creative about staying connected with friends, family, and work.
From social distancing to zoom calls, they often ended up creating memories in ways they never imagined. For some, the memories were made possible by turning to a technology originally created in the early 20th century, ham radio, and which continues to connect people. from all over the world today.



Some say that the renaissance in ham radio these days can be attributed to severe weather issues and social distancing related to the pandemic.
Tim Raup, vice president of the Faulkner County Amateur Radio Club in the United States, attributes the increase in new hams to the new free time many have found.
But for others like Tim King, ham radio is an old hobby rediscovered.
Originally licensed several years ago, the hustle and bustle of everyday life resulted in ham radio taking a backseat. However, now with more free time and working from home, Tim, his wife and his son have returned to the radio with everything..
At a time when our world is turning more and more towards technology, why go back to nostalgia? For Tim King, it's the thrill that ham radio brings.
"It's curiosity," King said. “It's suspense. You never know when you sit in front of your radio, what is going to happen. Think of the pioneers in the 1920s who laid cable and built a radio. They didn't buy a team, they built it."
In many ways, amateur radio has become a first-class ticket that allows you to “travel” anywhere in the world, despite lockdowns and travel bans.
The farthest Tim's signal has traveled is Australia and one of the most interesting recent conversations with people in the Ukraine.
But it is not only the pandemic that fostered the resurgence of amateur radio, it was also natural disasters.
“It's not just the pandemic,” Raup said, “because we also had the intense cold that froze part of the state of Texas, leaving many people without power for almost a month. The increasingly intense tornadoes that leave people with their cell phones stuck, because everyone is trying to call at once.

“Amateur radio continues to be a guarantee”



On the occasion of "World Amateur Radio Day"

A Comment from Joel Carrazana Valdés (CO6JC), national coordinator of the Information System of the FRC.



Every year, on April 18, World Amateur Radio Day is celebrated around the world. This celebration pays well-deserved tribute to the International Amateur Radio Union (IARU), founded on this date, but in the year 1925.

This year, I have the appreciation, that it was one of the most enthusiastic, radio amateurs in different countries and regions of the IARU, assumed this commemoration that makes us proud and that strengthens unity, friendship and our sense of belonging to the organization. that so worthily represents us all before government agencies and the International Telecommunications Union (ITU).

Like every year, radio amateurs around the world went out into the ether to celebrate the contribution of amateur radio to society and make their contributions known, something truly relevant due to the important role that this organization plays and will play.

The Federation of Radio Amateurs of Cuba (FRC), guided and stimulated the celebration of activities in the Radio Clubs and Subsidiaries of each territory and in practice went beyond limiting itself to the founding date and constituted a tribute day extended during the month of april.



The CO2FRC Station of the National Headquarters was activated by prominent radio amateurs of the Capital Branch, which marked the resumption of traditional activities, after the pandemic that forced the temporary stoppage of the FRC's operations.

The Cuban Emergency Network and in other locations of Region 2 of the IARU, organized exercises that strengthen their efficiency in disaster situations and these events had the objective of highlighting the work of radio amateurs and their role in these circumstances.
In most of the FRC Branches, Special Broadcasts were organized, which in their thematic content, did not lack the highlight of the objectives that the IARU and its member societies meet, nor the recognition of the associates and especially the founders and veterans. .



We highlight the activation of the Special Station T47C of the Camagüey Branch, linked to the World Amateur Radio Day, which achieved 122 thousand contacts, in the bands of 80, 40, 30, 20, 17, 15 and 10 meters in the Modes SSB, CW, FT8 and FT4, the highest number of QSOs from the reports received at the FRC.



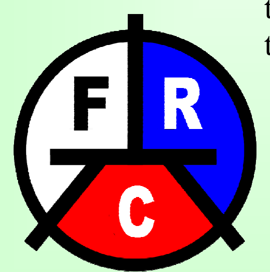
Agramont stations CO7YS, CO7MLS, CO-7IAT, CO7HNS, CO7CRJ, CO7KC, CO7SV, CO7KD, CO7CD, CO7DSR, CO7BB, CO7EE, CM7PSJ, CO7JCF, CO-7ICC, CO7PMM, CO7FR, CO7JY, CO7XX, which developed a magnificent job, which deserves the recognition of your organization.

It had an impact on the activities for the World Amateur Radio Day, the events developed between April 11 and 13 in different locations of the country, to receive photos emitted from the ISS Space Station, which was called "Festival of Images from space ".



The development of conversations in Radio Clubs was also reported, in which the work carried out by the IARU and its historical repercussion since its foundation on April 18, 1925 were debated. For this purpose, face-to-face events and others were organized through the system of Radial Wheels in HF and VHF.

I am not mistaken in affirming my modest appreciation that those who were aware of the activities carried out are today more informed of the objectives that the IARU and the member societies fulfill in defense of their associates.



Congratulations to all radio amateurs in Cuba and the world.



Best MINI Youtube Channel dedicated to amateur radio



We present another new contest to reward and give visibility to those YouTube channels that have less than 1000 subscribers.
The intention is that channels with less than 1000 subscribers can get the recognition they deserve



Bases:
You can vote for two channels that at the time of voting do not exceed 1,000 subscribers and whose theme is related to amateur radio.
You can only vote once with two channels.
Duplicate votes or votes that are considered fraudulent will be eliminated
The name of the channel, the link and the number of subscribers must be included in the vote
The winning channel will receive a prize as the best mini youtube channel
Among the participants we will raffle a gift from the magazine Selvamar Noticias.
Way to vote.
In the video that can be found on the Selvamar news channel on YouTube, a comment must be made with the vote.
The deadline to vote will be June 30, 2022 and the draw will be held on July 2, 2022 live from the Selvamar news cannel

https://youtu.be/fWmCyrL0ENc

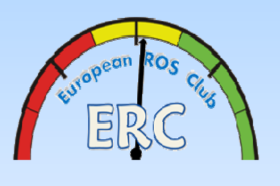




Asociación Cultural Tagoror Dos de julio

LA PALMA, ISLA BONITA

HERMANAMIENTO Y OTROS ACONTECIMIENTOS DE IMPORTANCIA



European Ros

For a long time an event had been taking place that for ERC represented a step forward in the expansion of the radio club as well as recognition of some of its members. It could not be done before because the pandemic prevented us from doing so and then the forces of Nature that attacked and devastated a good part of the island of La Palma, right in the area where the Twinning was planned to be held with the association that presides over our good friend Hugo Castro, EA8HB, Cultural Association Tagoror Dos de Julio.

Finally, and after many cross talks with the different people and organizations involved, it was possible to celebrate the long-awaited event in which Municipal representatives of Los Llanos de Aridane and the Tagoror Dos de Julio Cultural Association participated.

On March 11, the President of the ERC, EB5AG Manolo, traveled to La Palma, accompanied by his wife, who were received with obvious joy and satisfaction at having them in their land, by the President Hugo Castro EA8HB, the Member Toño Saavedra EA8IM and by Secretary Manuel Orestes, who delivered a bouquet of flowers to Mrs. Manolo, all representing the Tagoror Dos de Julio Cultural Association. They then went to the hotel and later held a welcome dinner.

The following day the event was held according to the established program as detailed below.



EXCELENTISIMO AYUNTAMIEN-





V CENTENARY OF THE FOUNDATION OF LOS LLANOS DE ARIDANE INSTITUTIONAL ACT

Place: Plenary Hall of the Hon. Municipality of Los Llanos de Aridane
Date: March 12, 2022, at 11:00 a.m.

PROGRAM

- Musical piece performed by Trio Los Duendes.
- Opening by Mrs. Inmaculada Fernández, Councilor for Citizen Participation of the Hon. Municipality of Los Llanos de Aridane.
- Speech by the president of the Cultural Association Tagoror Two of July.
- Speech by the representative of the European Ros Club Association.
- Presentation of the Twinning and Sponsorship act of the European Ros Club associations and the Tagoror Cultural Association July 2 by Mr. D. Marcos Lorenzo.

Delivery of parchments on the occasion of the V Centenary of the Los Llanos Foundation.



- Musical piece performed by Trio Los Duendes.
- Closing of the event by Mrs. Mrs. Inmaculada Fernández, Councilor for Citizen Participation of the Hon. Municipality of Los Llanos de Aridane.

It begins with the musical interpretation of the Trio Los Duendes based on typical songs and dances of the Llanos. Then Dª took the floor. Inmaculada Fernández, welcoming the guests and thanking those present for their collaboration and participation in the events that were held, mentioning the V Centenary of the foundation of Los Llanos, the Cultural Association Tagoror Dos de Julio for its trajectory and the Twinning that would take place immediately afterwards, to the European Ros Club Association for its link with the island and its different representatives of the association.

After the opening, he gave the floor to the president of the Cultural Association Tagoror Dos de Julio, Hugo Castro EA8HB, who in the same way thanked those present for their participation and especially



the City Council and the Councilor for the facilities received to carry out this celebration. .
Thirdly, the president of the European Ros Club takes the floor, informing everyone of what La Palma and the palm growers are and what they represent for ERC, the great esteem and high level that the palm growers have in ERC, making available to the Tagoror Cultural Association Two of July all the means available to ERC for any event they wish to carry out.
Then Mr. D. Marcos Lorenzo takes the floor, who makes the presentation of the Twinning and Sponsorship of the Tagoror Dos de Julio and European Ros Club associations, alluding to the link between both associations in the time they have been collaborating on Amateur Radio issues.
Subsequently, the plaques and parchments were exchanged by both associations, with Hugo EA8HB delivering the parchment to the visitors, representatives of ERC, for the collaboration in the promotion of culture in the Municipality of Los Llanos.



Next, the president of ERC presented the president of the Cultural Association Tagoror Dos de Julio, Hugo EA8HB, with the commemorative plaque for the collaboration in the diffusion of digital radio in the Municipality of Los Llanos.



Another distinction that could not be missing was the delivery of the plaque to Mrs. Inmaculada Fernández, Councilor for Citizen Participation of the Hon. City Council of Los Llanos de Aridane commemorating the V Centenary of the



Foundation of the place of Los Llanos by the European Ros Club by the hand of its president Manolo Sánchez EB5AG. With this exchange of Plaques and Scrolls, the Twinning between the two associations and the





Municipality of Los Llanos de Aridane is sealed. Emotional celebration that leaves in the spirit of the attendees the satisfaction of the duty fulfilled and the commitment to continue with new collaboration projects between both associations.

There was still something left to finish the exchange of acknowledgments. The delivery of the plaque for his selfless collaboration to our distinguished Partner and De-



signer of Diplomas Toño EA8IM, who is also part of the European Ros Club management team and is the link between both sister associations.

Once all the awards were made, the Trio Los Duendes group entered the scene again with more songs from their repertoire to immediately give way to Dª. Inmaculada Fernández in the degree of Municipal representative of her to close the event.





From here we give our most effusive thanks to all the people who have participated in this event, our thanks for the treatment provided by the representatives of Los Llanos de Aridane. Because those moments will remain in the memory of all of us who, in some way, have been following the course of this event step by step.

Author of the article
Enrique Ruiz, EA4DCU, ERC Vice President.



PANTHERZ



What a name for a couple of talkis, I imagine myself at 8 or 10 years old running around my town with one in my hand looking for a place to hide from my neighbor who has the other and after counting to 20 pretends to find me while I tease him through my talki PANTHERZ hehehehe.

As you can see this is a very simple model but with a very nice design.

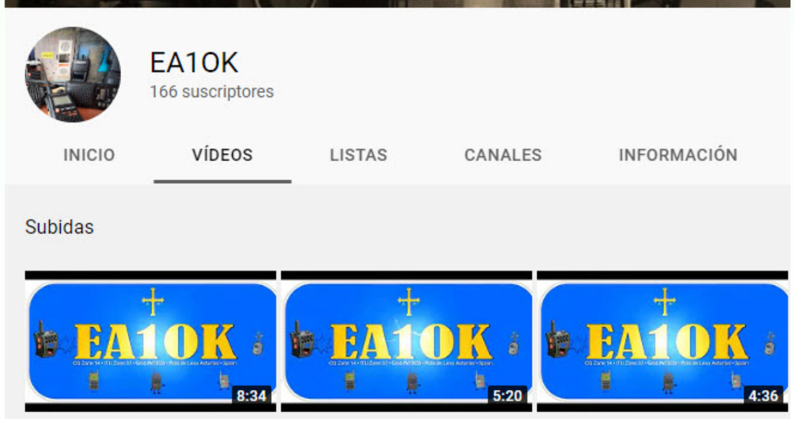
The red ptt button stands out, which together with the power/ volume control make its use very simple.

One more piece that is part of the history of amateur radio or at least of the child who plays without knowing how important communications and information will be in his life.

EA1OK - VIRI



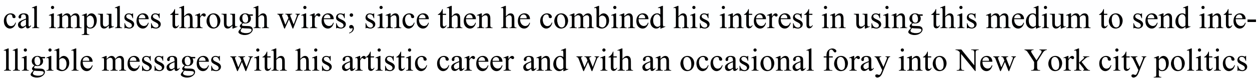




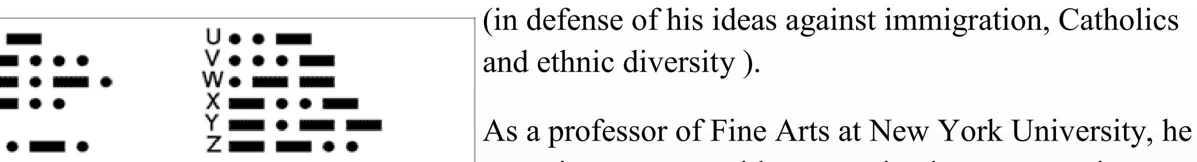
Biography of the Month - Samuel F. B. Morse

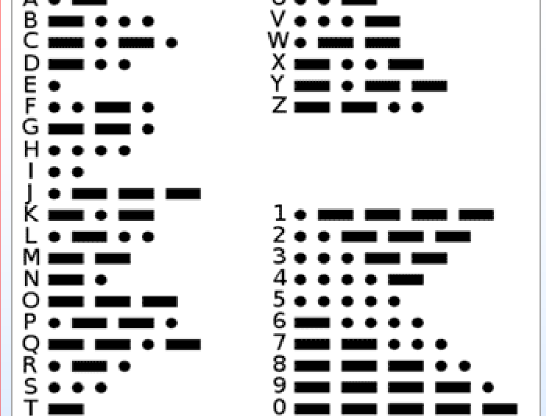
American artist and inventor who devised the first effective electromagnetic telegraph system (Charlestown, Massachusetts, 1791 - New York, 1872). He was the son of the Protestant clergyman Jedidiah Morse, who was one of the most important geographers in America in the years after independence. He graduated from Yale University in 1810 and turned to painting, establishing his own studio in New York; His best known painting of his is a portrait of the Marquis de La Fayette that he painted in 1825.





Returning from a trip to Europe in 1832, he heard of the possibility of transmitting electrical impulses through wires; since then he combined his interest in using this medium to send intelligible messages with his artistic career and with an occasional foray into New York city politics (in defense of his ideas against immigration, Catholics and ethnic diversity).





As a professor of Fine Arts at New York University, he came into contact with experts in electromagnetism, who brought him up to date with the state of the art. In 1837 he got a partner who gave him technical and financial help to develop a telegraph system to transmit messages in a dot-and-dash code of his invention (the Morse alphabet). His system would soon be perfected by the British Charles Wheatstone and, a few decades later, by Edison.

In 1843 he got the patent and the US Congress approved the construction of an experimental line between Washington and Baltimore. The success of the first test in 1844 gave way to the spread of the telegraph as a means of communication throughout the world, making its creator a rich and famous character. Samuel Morse dedicated the rest of his life to financing cultural and charitable works, while he defended himself in the controversies about the paternity of the invention.

How to cite this article: Fernandez, Tomas and Tamaro, Elena. "Biography of Samuel F.B. Morse". In Biographies and Lives. The online biographical encyclopedia [Internet]. Barcelona, Spain, 2004. Available at https://www.biografiasyvidas.com/biografia/m/morse.htm [Access date: April 4, 2022].



The woman on the ISS

Once again SSTV from the Space Station. This time celebrating the Day of cosmonauts and women in space
FROM 16:30 GMT today April 11 to 12:00 GMT April 13
145,800 PD120 mode



Kalpana Chawla

In November 1996, she was assigned as a mission specialist and lead robotic arm operator on the STS-87 mission. In January 1998, she was selected as a crew representative for the shuttle and flight station crew, and subsequently served as section leader for Crew Habitability and Systems for the Astronaut Office. She first flew into space on STS-87 (1997) and STS-107 (2003). Kalpana Chawla logged a total of 30 days, 14 hours, and 54 minutes in space.



Roberta Bondar

She is the first Canadian woman astronaut and the first Canadian neurologist in space.
Bondar flew into space on NASA's Space Shuttle Discovery during Mission STS-42, January 22-30, 1992, during which she performed experiments in the Spacelab.



Valentina Vladímirovna Tereshkova

She is a Russian cosmonaut, engineer and politician. She was the first woman to go into space, selected from more than four hundred applicants and five finalists to pilot Vostok 6, launched on June 16, 1963. She completed 48 orbits around the Earth in her three days in outer space. She remains the only woman to do a solo space mission.



Chiaki Mukai

He was born in the Japanese town of Tatebayashi, in the Japanese prefecture of Gunma. After completing basic studies, she obtained a bachelor's degree in Medicine from the Keio High School for Girls in Tokyo in 1977, and in 1968 she obtained a doctorate in Physiology. She specialized in cardiovascular surgery, in the 1980s she worked in various Japanese hospitals.
She integrated into NASDA, starting in 1985 she began her collaboration with NASA.



Samantha Cristoforetti

She is an aviation pilot, the third female astronaut in the European Space Agency and the first Italian female astronaut. She has been part of Expedition 42/43 aboard the International Space Station.
In November 2014, Samantha Cristoforetti, at the age of 37, became the first Italian woman to reach space aboard the Soyuz spacecraft, as part of the crew of the 42nd Soyuz TMA-15M mission.



Anousheh Ansari

Ansari took off in the Soyuz TMA-9 spacecraft with mission commander Mikhail Tyurin (RSA) and flight engineer Michael López-Alegría (NASA) at 04:59 (UTC) on Monday, September 18, 2006 from Baikonur , Kazakhstan. Ansari became the fourth (and first woman) space tourist.



Helen Patricia Sharman

Sharman was selected as an astronaut on November 25, 1989 from among 13,000 candidates, becoming the first female astronaut from the United Kingdom. The mission was called Project Juno and was the product of the Soviet Union and a group of British companies.



Peggy Annette Whitson

In 2007, Whitson became the first female astronaut to command the International Space Station twice. On April 24 of that year, Whitson broke the record for the number of days in space for any NASA astronaut, with more than 534 days.







HamSignal.net A social network for radio amateurs

Good afternoon dear friends, a social media network dedicated to radio amateurs of the world has been established. If there is someone who is not a member and wants to become a member, click on this link https:// hamsignal.net / can be a member. You can follow the dxcluster, dmr, aprs contest schedule from one page. logbook and prizes coming soon...

Buenas tardes queridos amigos, se ha establecido una red de medios sociales dedicada a los radioaficionados del mundo. Si hay alguien que no es miembro y quiere convertirse en miembro, haga clic en este enlace https://hamsignal.net / puede ser miembro. Puedes seguir el calendario de concursos de dxcluster, dmr, aprs desde una sola página. el cuaderno de bitácora y los premios llegarán pronto...

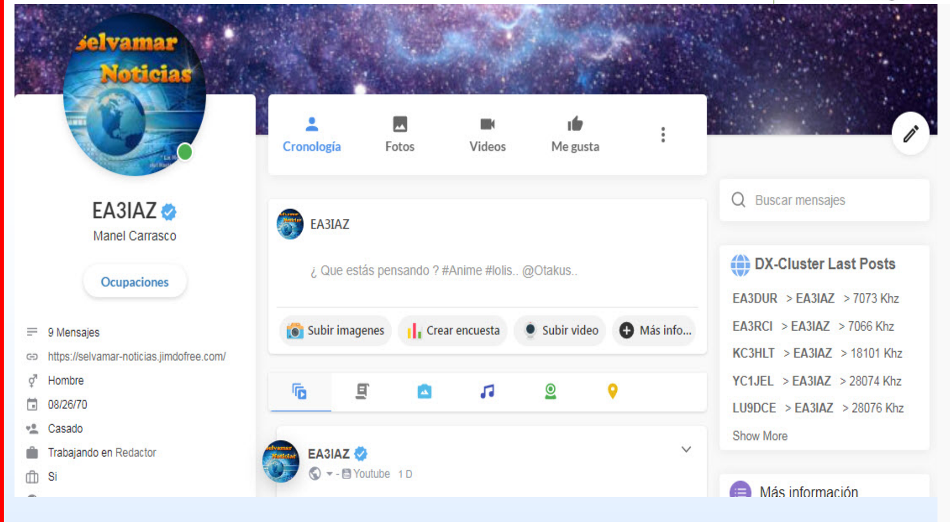


hamsignal.net
This social networking site is a special site for amateur radio operators worldwide. You must have an amateur radio operator license to register.

This is how this new project is presented under an interface very similar to the well-known Facebook, but loaded with options and with less advertising.

Witgets as the personal cluster where you can see the spots in which you were mentioned.

A network that grows day by day and is already made up



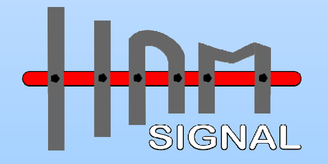
Herramientas

DX-Cluster
Contests
DMR Contact List
Comunidad
Eventos
Mis grupos
Mis páginas
Blog
Blog

Mis artículos
Mercado
Mercado
Mis productos
Explorar
entradas populares
Explorar

of nearly 10,000 radio amateurs from all over the world.
A Facio registration and with the license verification option allows those who compose it to have the certainty that it is among radio operators.

Anyway… from Selvamar Noticias we wish you a successful future and we encourage you to continue with the project.



Info: https://hamsignal.net /



The INDEXA Humanitarian Aid Fund
"El Zorro Miyazawa, JH1AJT, Hams with Hearts Fund"

Prior to his death in March 2022, Mr. Zorro Miyazawa, JH1AJT, established and endowed the INDEXA Humanitarian Aid Fund which specifically supports humanitarian aid projects carried out by DXpeditions. His generosity allowed INDEXA to start these grants in January 2016. The label of this fund is "Jamones con corazón", which reflects Zorro's character and values. INDEXA is proud and grateful to be able to sustain Zorro's legacy through this fund.

To qualify for humanitarian grants, DXpeditions must submit a clear plan for a humanitarian project to match your DXpedition. The project must provide a direct physical benefit to the local population and go beyond dropping off ham radio equipment, making a video, or teaching a ham radio class. Examples of acceptable projects include, but are not limited to, providing school supplies, clothing, medical supplies, first aid equipment, water purification supplies, etc. INDEXA suggests that humanitarian grants focus on the top 100 DXCC entities featured in the current Club Log list. Most Wanted List using "No Mode Filter, All Bands, and Global Logging". In all cases, the INDEXA board will review the plans and make a decision on whether or not to finance the project.



In the early years of this fund, grants are likely to be modest. Therefore, we will look for low-cost but high-impact projects. As this fund grows, it is possible to encourage DXpeditions to carry out humanitarian projects by supporting both DXpedition and the humanitarian project it carries out.

We are grateful to have had the opportunity to work with Zorro, experience his compassion and witness the humanitarian projects he carried out on a personal level. Through the generosity of Zorro, the Humanitarian Aid Fund will continue to benefit humanity and improve the image of amateur radio around the world.

The following video explains the critical role that Zorro played in establishing the Fund and describes some of the early projects that the Fund supported. He also explains that we only use the proceeds from contributions so his contributions will always stay in the Fund.

https://indexa.org/index.html



THE BLANCO NOVO SCHOOL FOR RADIO OPERATORS OF THE CIVIL GUARD PART 1



El Capitán José Blanco Novo con sus alumnos de la primera promoción de la academia de operadores del servicio radiotelegráfico de la Guardia Civil que comenzó sus clases el 12 de febrero de 1929

Exposición del Automóvil de Valencia 1927

After Captain Blanco Novo had convinced the Director General of the Civil Guard of the usefulness of the radio as a means of communication for the Corps, in mid-February 1928 it was arranged for the members of the Civil Guard to gather in Santiago de Compostela. chosen to train as operators of the radio stations that were going to be established in the Corps in order to receive the necessary teachings for managing them directly from the author of the project.

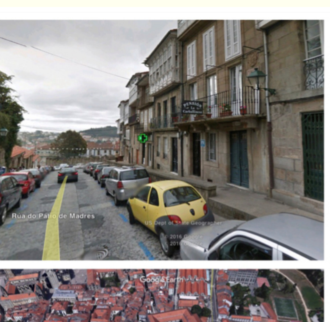
Within the Comandancia de A Coruña, the radiotelegraph service was used regularly with messaging traffic between the experimental stations of Santiago and the city of Hercules. The General Directorate of the Civil Guard sent Blanco Novo a "beautiful" Hispano Suiza automobile so that he could install one of the radio transmitters that he built in order to provide service in Madrid.

Captain José Blanco Novo, as stated in an article published on June 1, 1928 in the Official Bulletin of the Corps, found in the A Coruña Command itself guards with knowledge of the Morse alphabet who, once familiar with the station radio amateur, EAR-28, took over the service of the four experimental stations: Santiago, A Coruña, central station of the General Directorate and the one mounted on the Hispano Suiza car. The first collaborators that Blanco Novo had to start up the network of Corps stations, acting as assemblers, installers and operators were Corporal Sergio Rodríguez Valcárcel; the second guards, Manuel Conde Grau, Enrique Otero Seijas, Santiago Gromaz Pena, Tomás Garrido Cruz and Eliseo Franqueira Sabugueiro, as well as the cornet Prudencio Redondo García.

On June 28, 1928, the guard Carlos Otero Crespo, who provided his services in A Coruña, was assigned to Santiago de Compostela to receive instruction as a radio operator until August 1 of the same year, when he returned to his post. previous. From September 19, 1928, Carlos Otero was attached to the Radiotelegraphic Station of the capital of the Province of A Coruña, where he served as a radiotelegraph operator and remained until his death due to illness in February 1938.

Waiting for the official inauguration, Blanco Novo continued carrying out tests with the Central Station of the Civil Guard in Madrid, achieving total success in them. The guard, second radio operator at this station, Santiago Gromaz Pena, would become an active and fundamental collaborator of Captain Blanco in the training of Corps operators.

On November 9, the press announced that 60 civil guards from different parts of Spain would soon travel to Santiago de Compostela to be instructed in the use of radio communication devices invented by Blanco Novo and approved by the State with the intention of installing them in all commanders of the national territory.







Residencia de José Blanco Novo en Calle Patio de madres, 13 de Santiago de Compostela, donde se instaló la estación de radioaficionado EAR-28

Blanco Novo had to present the first design of the Civil Guard radiotelegraph network on December 14, 1928, in which they indicated, depending on the type of electrical energy available in the various barracks of the provincial capitals and the equipment already manufactured , the Commanderies of Barcelona, Valencia, Ceuta, Cádiz, Seville, Córdoba, Zaragoza, Burgos, San Sebastián, Bilbao, Santander, Oviedo, Valladolid and Pontevedra, fifteen in total, for the installation of the first stations.

Two volunteers, corporals or guards, were then requested for each of the mentioned Commands, who, once trained, would take charge, as operators, of the stations to be installed. In the selection of applicants, their knowledge was taken into account, showing preference in the first place for those who knew how to transmit and receive in Morse code, had notions of electricity and wrote correctly; and, failing that, those who were fond of these subjects.

The course would be held in Santiago de Compostela, in accommodation provided by the City Council and with quartermaster utensils, and the attendees, who had to be volunteers and single, would travel without the right to accrue bonuses. The teaching to be taught would be about electricity applied to the radio, after a slight mathematical preparation, theoretical and practical knowledge of the stations, assembly of the same, repair of faults, transmission in Morse code and reception of this by ear, and rules to be applied in the practice of the service.

As a consequence of the selection made, on January 24, 1929, the order was given to

The 30 members of the Corps who were going to participate in the course for operators of the radiotelegraph service that Blanco Novo would impart in the academy that would open shortly, were incorporated to Santiago de Compostela. In the last days of January 1929, the following troops were arriving in the city of the Apostle:

Barcelona, José Torres Ramos and Federico García Gasca; Seville, Felipe Pereda Iñiguez and Antonio Pérez Pastor; Valencia, Samuel Martín Soriano and José Moraguez Chillida; Zaragoza, Félix Sanz Arnedo and César Aznar Gallego; Granada, José Torreblanca Fajardo and Salvador Camas López; Valladolid, Hipólito Sahagún Ureña and Diego Hernández Segura; Oviedo, Ángel López Rojas and Ángel Sánchez Vega; Burgos, Ricardo de Miguel Alonso, Julián Olalla Fernández and Fermín Arnaiz Núñez; Guipúzcoa, Gerardo Jiménez Sánchez and Jacinto Ramón Rodríguez Borlado; Cádiz, Elisardo Cuiñas Liras and Ricardo Lacour Cabarrús; Cordoba, Lorenzo Gomez Benitez; Pontevedra, Juan Martínez Álvarez and Agustín Martín Calles; Santander, Lorenzo Martín Guillén and Antonio Castillo Martínez; Bilbao, Braulio Expósito Antolín and Jesús Fernández Gómez; Ceuta, José Cabezali Paniagua and Manuel Díaz Martínez.


Carlos Otero Crespo, radiotelegrafista de la estación de la Guardia Civil de la Comandancia de A Coruña, segunda implantada en el Cuerpo, desde septiembre de 1928

Captain Blanco Novo went to the mayor of Santiago de Compostela to request shelter for his students. Days later the local press reported that works were being carried out in the ex-Convent of San Agustín to install the hospitalillo school there and house the civil guards who were instructed with Blanco Novo. The academy began its classes on February 12, the day on which Blanco Novo was awarded the Moroccan Peace Medal for his participation in the Rif War.

To assist Captain Blanco Novo, who acted as director of the course, the guard, second radio operator at the Central Station of the Locomotion Machines Park, Santiago Gromaz Pena, was concentrated in Santiago.

A Royal Order of July 2, 1929 established the Radiotelegraphic Service of the Civil Guard creating the network of stations of said Corps. The Ministry of the Interior, taking into account that the objective of the network was to have rapid communications between the General Directorate and the various commanders and between them; that the project was conceived, and the material acquired before the publication of the Order of February 7, as well as that the objective pursued was to verify its usefulness, the installations of the four experimental stations were approved. On the other hand, since non-disturbance to other stations already legally established was guaranteed, the planned installation of the 15 stations in the commanders for which the proposal had been made was also authorized. After the authorization to expand the network was granted, the indicative requirements for the 19 existing or planned stations (the four experimental ones in operation and the 15 proposals) were requested through the Ministry of the Interior, which were awarded by the General Directorate of Communications on July 27 of the same 1929.

Continuara...

Tomás Manuel Abeigón Vidal (EA1CIU)
abeigont@gmail.com
Pontevedra



Aventuras de radio – En la carretera

Por Summer was finally here, schools were over, we could enjoy the beach, the mountain adventures, the trips

The Martínez family lived in Valparaíso, Chile, and was made up of 4 members: parents Juan and María and children Juanito and Ana.

For a long time, Juan and María had dreamed of bathing in the Atlantic Ocean, for which they had planned to go to Buenos Aires, Argentina, crossing the country from one end to the other from the Pacific to the Atlantic.

The RN7 It was the route chosen almost 2000 kilometers in the family car, a station wagon that already had a few trips and a few thousand kilometers on top.

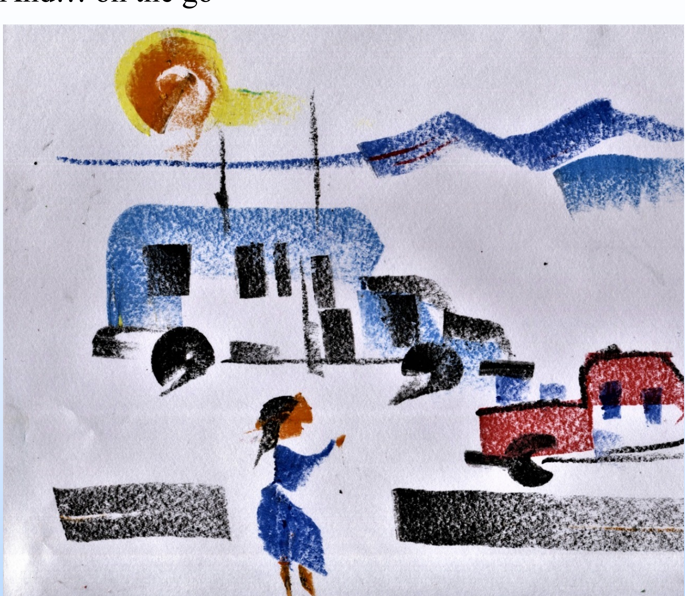
The family was excited, Juanito already had his beach balls, his headphones to listen to music on the way and Ana had loaded a backpack with a lot of books.

It would be amazing we would go through mountains, valleys, we would cross the Andes...

Surely our ears are plugged because of the height, Juanito told Ana, (who seemed not to like it very much)

Mother Maria prepared some sandwiches and cupcakes for the trip, almost a day and a half on the road.

And… on the go



Wait until I forget the GPS said Juan, I have to go to the bathroom said Ana. It seemed that we would never go out

But finally on the road, we left Valparaíso heading for the Andes and there were uphills, curves, downhills and... they plugged their ears

A few hours later challenge achieved and we reached the plains. The road was endless and suddenly...

A strange noise in the engine.

It seemed that the family car wanted to rest, Juan poured a little water on it and they continued.

Once again the car with that noise, this time it didn't even come back to life with water, Juan tried to call assistance and… no coverage.

They walked from one place to another with the phone raised trying to connect without success. Almost 40º and no one was passing on the road, with a blanket and some sticks they improvised an awning since the car could not stand it.

A few hours later they saw a motor home approaching that showed the wear and tear of a life on

the road and had antennas on the roof that made it look like a pincushion.
When they saw us they stopped and under a woman with the temperance of maturity and she turned to Juan and asked him:



Hi, I'm Laura, what's wrong with you, did the car break down?
To which Juan replied, yes and I don't know what's wrong.
Laura asked him to open the engine cover, to which Juan, surprised to see what that mature lady was asking for, agreed and lifted her hood.
Laura looked at the engine and said; it's the fan belt, it broke and so you won't be able to ride many kilometers, but don't worry.
Laura accessed the motor home and went to her station and started calling LU1WL, someone copy me?
Suddenly Laura's husband who was sleeping inside the vehicle woke up and asked Laura what was wrong.
Hi, Walter, my name is, she said, addressing the Martínez family, why don't they come in and have a drink and take shelter from this heat, I have air conditioning inside.
Like two springs Ana and Juanito got up.
To all this Laura kept calling and suddenly an answer, hello Laura, this is...
To which Laura replied, we are on the RN7 between Maipú and Las Catitas, could you tell the mechanic to bring us a fan belt from a Ford…
No problem, she answered the voice that came from the station.
A few minutes later a car repair shop arrived where everyone was, and in a seen and not seen FIXED the mechanic shouted.



They could now continue on their way, but this time accompanied by a motor home, Laura and Walter who signed up to go to Buenos Aires.
Maybe the names are real or not, maybe the story is real or not, but is this what I was told or not?
You never know where help can come from, but if you have an antenna in your vehicle and you are a radio amateur, you will surely do everything possible to collaborate.

With all our love for Laura and Walter

Author: Manel Carrasco (EA3IAZ)
Illustrations: Josep M. Hontangas (EA3FJX)
Correction: Juan José Martínez (EA3IEW)

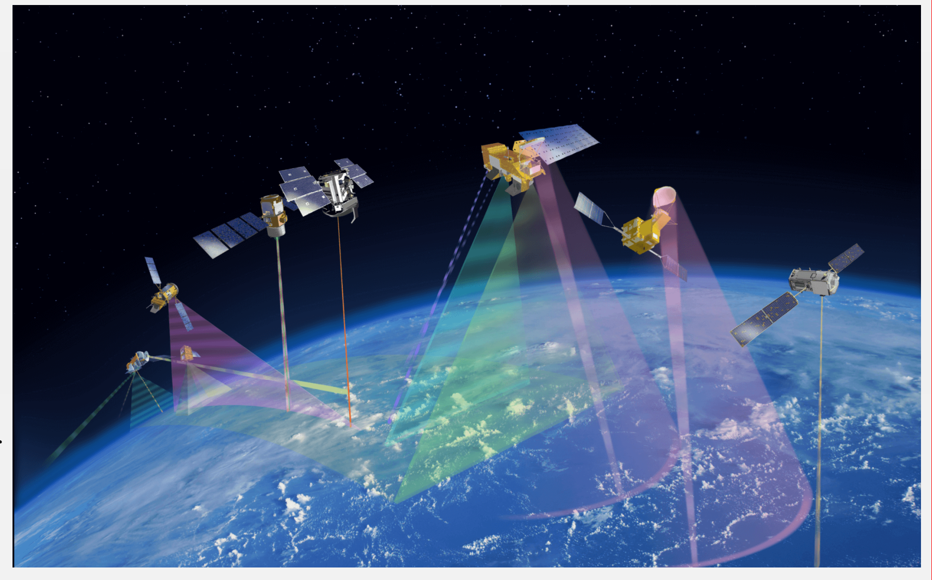
Selvamar Noticias
NEW
* La revista del Radioaficionado

Some interesting facts about satellites that will amaze you.

They are on top of us all the time and they number in the hundreds. They are the satellites, which we cannot see but are of great help for an infinity of things. What do we know about these pieces of technology that have been flying over the planet for decades? The truth is that there are several things about satellites that are sure to surprise you. We tell you some interesting facts about the satellites that will put you into orbit.

1 – The satellites are programmed to avoid the meteorites and thus not be destroyed. Currently it is estimated that there are about eight thousand satellites orbiting the Earth and only one has been destroyed by one of these meteorites.

2 – NASA has two satellites chasing each other around our planet and always measuring their distance. This is to take measurements of some gravitational change. They have been named after the cartoon characters Tom and Jerry.



3 – China accidentally hit one of its own satellites with a missile. It was completely destroyed leaving more than two thousand pieces of space junk in orbit. This poses a danger to space missions and they being required to remove all these pieces to avoid collisions with other satellites, ships or even the space station.

4 – Satellites are also used to discover archaeological antiquities. Taking images from space, a thousand Egyptian tombs, 17 pyramids and more than three thousand settlements have been discovered in Egypt alone. From above these things are seen much more clearly due to modern high resolution cameras.

5 – The first American attempt to launch a satellite into orbit failed miserably. The Soviet Union offered them help to achieve their goal, but they did not accept it.

6 – There is a satellite circling the Earth that has been set to re-enter our planet in about 8 million years. It carries a lot of information and a message for the civilization that is living in the future, be they human or otherwise.

7 – The oldest spy satellites did not have the digital technology of today. They made the recordings with conventional film tape and then sent it to Earth in small capsules to be collected later. One of the first American satellites dropped one of these containers with a film, and it was picked up in the air by an airplane.

8 – In 1979 a NASA Skylab satellite fell in Australia, which was not taken very well. They sent a fine to the American government for littering in their country, although they never paid this fine.

9 – A man received an emergency locator that worked by satellite as a gift. Do nothe read the instructions well and spent several weeks sending false alarms to the rescue and rescue teams.



10 – In the nineties, NASA generated electricity with a satellite with a cable 20 kilometers long. Said cable was released from the space shuttle and was fully visible from Earth.

11 – In the early 1980s, India launched its first satellite. It was brought to the launch point by cart,



and the rocket parts were carried by bicycles.

12 – Have you ever wondered what actor George Clooney does with the money he earns from Nespresso coffee ads? Well, most of it is spent on a satellite that monitors the northern and southern border of Sudan. He does it to keep the dictator of Sudan Omar al-Bashir under control at all times. This way you can warn civilians in case they are attacked by his army.

13 – In the late nineties a satellite stopped working and caused eighty percent of the world's pagers to stop working.

14 – Satellites can also give us some good scares. A high-ranking Soviet Union commander named Stanislav Petrov averted a possible nuclear war simply because he followed his instincts. His satellites to warn them of possible attacks sent information that the United States had launched 5 ballistic missiles at the USSR. It was a technical error that could have cost dearly had it not been for this Soviet military man.

https://smanoaa.com/



Tip for the reception of Goes 16
by XQ6DLW (Demys)
Part 1

Dear colleagues, I must clarify first of all that the points I will touch on in this brief explanation about the reception of Goes 16 are based on tests and experimentation with a basic knowledge of electronics. Well, I am not an electronic engineer, just a simple curious electrician and experimenter as a radio amateur that I am, if you have knowledge and find any technical error, I only share what I learned and I just want to break the myth and silence that many have created about the difficulty of capture of this spectacular satellite. With all this said, let's get started.

As everyone will know, the Goes 16 satellite is purely meteorological. It is a constant source of information 24 hours a day and which sends images every 30 minutes. It is used for the observation and study of our climate in different regions and thus prevent unfortunate events such as Hurricanes, so said satellite is 36 thousand kilometers away at 75.2W almost on the equator, covering the visible face of the planet, along with its brother Goes 17 and like Goes 14 and 15 which are in reserve, these last two send a slower data transmission, taking longer to capture images.

I will start these tips with the most important, the antenna:

For these satellites that have a weak signal in the order of frequency of 1Ghz, a dish with the largest possible diameter should be required, which, by modifying its waveguide, will obtain excellent results, something that I will not redundancy since I will talk about the current antenna that I am using, and which I almost know by heart. And I'm talking about nothing more and nothing less than the 2.4 Ghz Wi-Fi antenna.



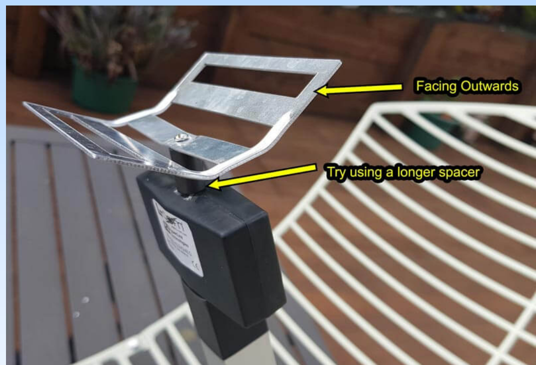
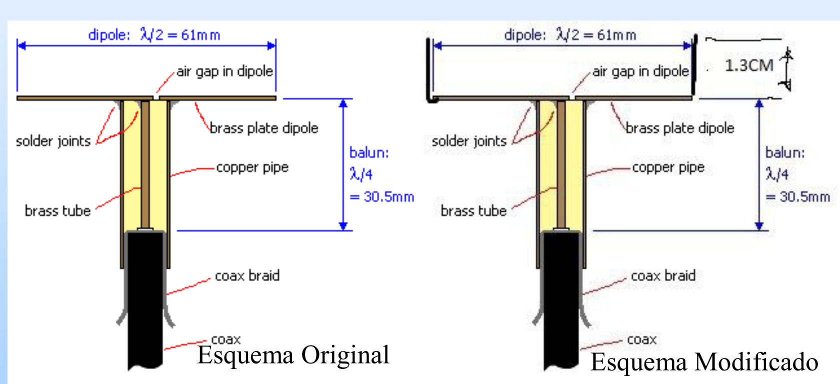


Imagen obtenida de la web rtl.sdr.com

According to many understood, this antenna model is not the most theoretically ideal and I agree with them. But for those who do not have much space or are looking for something aesthetic, it works very well.

As you know, this antenna is well away from the frequency that Goes requires, since being Wifi, its frequency is set to 2.4 Ghz, so many experimenters have chosen to invert the second reflector opposite its original position to obtain a certain proximity to the frequency of 1.6941 Ghz (frequency of the Goes 16) and a spacer of 2.5 cm from the plastic base of the secondary reflector, as shown in the following image.

But in my case I did not get a result that convinced me, so I opted to modify the internal dipole of the antenna. Like all dipoles, it can be calculated, but not to go into very detailed technical and looking for the simplicity of the explanation, I explain what I have done, and I know that it is nothing to write home about, but the idea is to break the myth of how difficult it is and to show that you do not have to be very erudite to obtain good results. In the next images I expose the original internal dipole scheme and then the modified one.



Esquema Original
Esquema Modificado



When extracting the dipole, keep in mind that the plastic protection of the antenna is inserted with glue through the center of the aluminum that supports the dipole more than 10 cm long, so I recommend using a heat gun or something that induce temperature, slightly heat the aluminum and gently force the cover plate outwards without damaging it in order to reach the central dipole.

As shown in the image of the modified dipole scheme, it will simply be to add two pieces of flat copper sections, as the space in the plastic protection base of the dipole is just the right size, we will not be able to add these sections horizontally, otherwise they will be positioned vertically and what we do with this is look for the resonance of the dipole at the desired frequency.

Once these steps are done, we will place the piece of aluminum with the dipole at the base of the plate as it was originally, we will place a spacer of 1.5 to 2 cm between the secondary reflector and the plastic base, keep the second reflector in the original position but when we have the antenna already positioned to the satellite we will have to open it slowly and go looking for the best signal never putting it totally flat said reflector..

THE LNA OR AMPLIFIERS



In the second tip, I will comment on something that has created controversy on several occasions. Amplifiers have been discussed for a long time, with many proposing the wonderful Nooelec LNA. Two amplifiers with an intermediate filter make up this device and cut for the frequency of the Goes, nothing to waste time or work, it is to arrive and install and receive.

Link de nooelec: https://www.nooelec.com/store/sawbird-plus-goes-302.htmlBut what happens if you cannot acquire this device? For many, your shipment is sometimes a little higher than the value of it, or the wait is considerable and you want to experiment with your own means or with an element little more affordable.



Well I pass on my experience. I use 3 LNA, and maybe you will say. What a horror 3 amps.
But we analyze. If we buy an LNA from Nooelec we will be using two amplifiers in one with an intermediate filter. Many colleagues recommend using an LNA together with your antenna and the Nooelec together with the SDR. And in the second favorable option, it is an active USB line and place the Nooelec and the sdr together in the antenna, connecting this USB cable directly to the PC. In my case use the first option.
As I said before I use 3 LNAs but actually I am using two. In a certain way, I recreated the Nooelec amplifier in a homemade way by joining two amplifiers with an intermediate filter which I will refer to later.
Below I show the pictures of the used LNAs, all the amplifiers are sold on Aliexpress.
Link: https://a.aliexpress.com/_m0NPRT8
Note: This LNA in the image (2) can be biased with 5 v through the same coaxial, so a Bias Tee circuit is required
Link:https://a.aliexpress.com/_msqDiWI
Link bias tee: https://a.aliexpress.com/_m0n4VXG
In fact, I had two plates or circuit of the amplifier of the image (1) whose transistors were defective. Searching the internet with my basic knowledge of electronics, I found information on a Fet transistor that gave me very good results with the FH1 nomenclature.



Link: https://www.ebay.com/itm/133582439082
Link datasheets: https://datasheetspdf.com/pdf-file/563383/WJCommunication/FH1/1
Well, I replaced the damaged original transistors with this fet, adding only a 10 M resistor in the Gate without modifying anything else in the circuit. But this does not mean that the amplifier with its original transistor does not work. In the following image I represent the modification.
As we need to receive a strong signal of about 40 DB and as clean as possible, these amplifiers should have a noise factor if possible below 1 DB, in the case of the fet FH1 it is a little high at 1.2 db, but it is within a good range. I advise shielding them and with good ground contact to avoid parasitic currents
.

XQ6DLW (Demys) Radioaficionado Cubano - Chileno

Final Parte 1



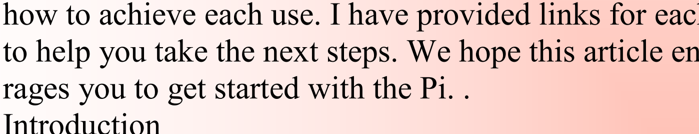
Using Raspberry Pi for Ham Radio (Part 1)



The Raspberry Pi has proven to be a phenomenal hit with hobbyists all over the world. Originally conceived to introduce children to computer programming, it was quickly adopted by hobbyists due to its cheap price and GPIO output pins. In fact, initial demand was unprecedented and supplies were limited for some time after release and this still continues after each new version is released.

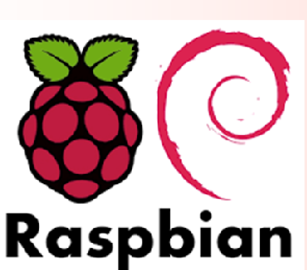
It didn't take long for the ham community to see the potential of this little computer, and sure enough, we're starting to see some really interesting uses come to light.

The purpose of this article is to show you what can already be achieved and give you some ideas, rather than detailing how to achieve each use. I have provided links for each use to help you take the next steps. We hope this article encourages you to get started with the Pi. .



Introduction

The Raspberry Pi does not use a traditional hard drive, but instead uses SD cards to store the operating system and software, this is also a very cheap form of storage! The Raspberry Pi (in its various guises) is a computer the size of a credit card that costs very little, from $4.00 for the Raspberry Pi Zero to $30.00 for the high-spec Raspberry Pi 3. This cheap price in part helps make the Pi an attractive platform for hobbyists looking to experiment. In fact, the Pi Zero is so cheap that it was almost thrown away (but that would be a shame!).



Pi flavors

There have been various versions of the Raspberry Pi computer since the initial release, I have linked to the most recent versions below:

Raspberry Pi 1 (variants include: model A/B/B+)

raspberry pi 2

Raspberry Pi 3

Top of the Pi range!

raspberry pizero

Almost a micro-Pi, very small, about the same power as the Pi 1, but super cheap and small!

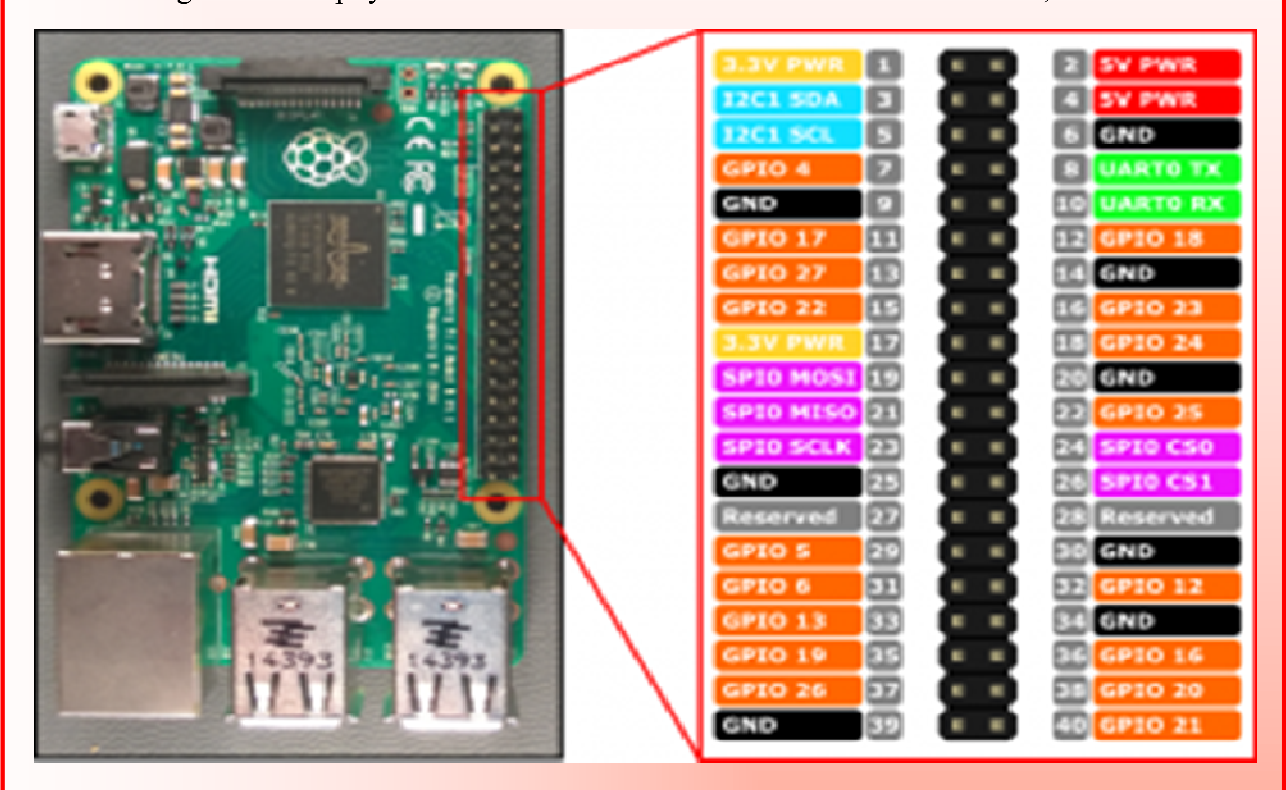
The operating system

Raspbian: operating system specially designed for the Raspberry Pi hardware

If you've ever used an Android or Amazon phone or tablet, you've already used a Linux 'distribution', but you probably never realized it! The first thing you need to know is that the Raspberry Pi does not use Microsoft Windows, this is due to several reasons, including cost. Instead, it uses the Linux operating system, if you're not familiar with this, Linux is open source (free), runs 90% of the world's fastest supercomputers, and has a large community of developers and resultant software (everything you need). which is again free).

There is a Linux distribution especially for the Pi called Raspbian and it comes with enough software to get you started.

This is what gives us the physical interface between the Pi and the outside world, because it



allows us to connect a wide range of sensors/devices and breakout boards. These devices can collect information and can be controlled by software (which you can install or even write) on the Pi. Suddenly the potential for real-world ham radio applications seems endless! Now we come to one of the main reasons the Raspberry Pi has been so widely adopted by hobbyists, the general purpose I/O pins.

(GPIO). Depending on the version of Pi you get, they will have anywhere from 26-40 GPIO pins on board.

Pi HATs (top-attached hardware) are specially designed pieces of hardware that can be purchased and connected directly to the GPIO pins. These are pre-assembled and designed to be the same size as the Pi for easy assembly.

Continuara…

Fuente: https://crecj.org/8-usos-de-radioaficion-para-raspberry-pi/





listening guide

Shortwave Listener's Guide

Or SWL, as it is called with its acronym in English (Short Wave Listener).

It is a type of radio amateur who does not need any permit, license or exam. He simply listens to stations on the shortwave bands, and sends them a card with a little report on how their signal is being received.

To make yourself listen to radio you need to have a shortwave receiver, although well, we are in the 21st century… there is Internet.

How do we listen to shortwave over the Internet?

Simple… many fans, associations or Universities have receivers available to the general public that are in their facilities, but that can also be listened to online.

To see these receivers, there is a portal where almost all of them are listed. It is www.websdr.org

From there we can choose any of the receivers that are active. In each of them, it indicates the band in which it is capable of receiving. But the best way to see it is with an example…

We are going to look for a receiver called 40m 11/10m RTL SDR in Huelva/Andalucia

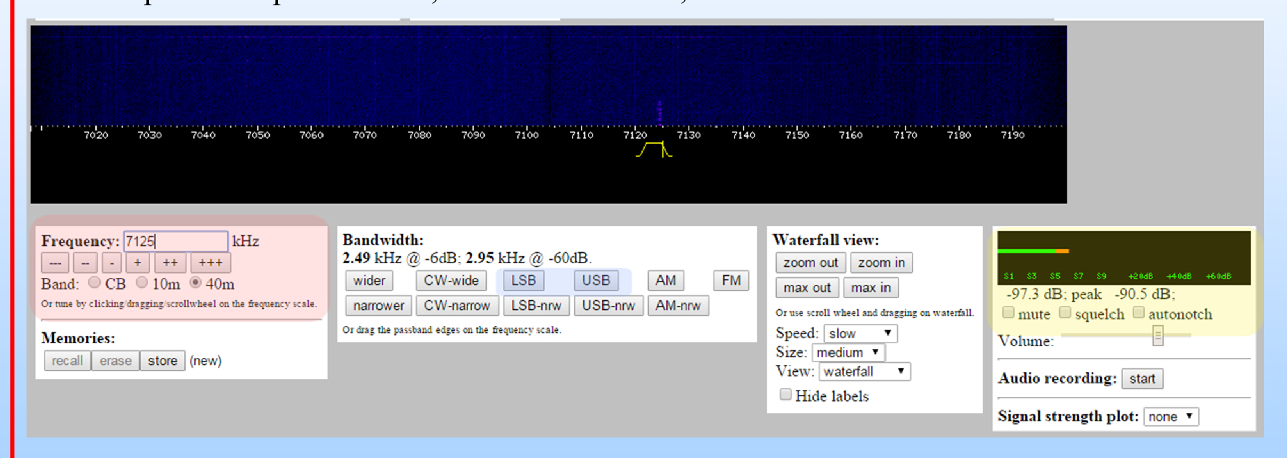


40m 11/10m RTL SDR in Huelva/Andalucia http://30th688spanien.spdns.org:8901/ IM67MG; 0 users	25.976 - 28.024 MHz 27.976 - 30.024 MHz 7.008 - 7.200 MHz

When we find it, we see that on the right it receives between the frequencies of 7008 and 7200 kilohertz, the 40 meter band.

By clicking on it, the page containing the receiver will open, and then we look for "the waterfall", which is where we will see the signals it is receiving.

To begin with, we are going to listen to the 40-meter band, since being located in Huelva, it will be easy to listen to stations that speak Spanish. To do this, in the area shaded in red, we see that it has three possible options “CB”, “10m” and “40m”, since we select 40M.



Now, the sound that we hear through the computer speaker is the frequency that we have selected. We see that in the image it is set to 7125, or what is the same, 7,125 kihohertz. Now... look at the

"waterfall", that blue area at the top that is moving... Do you see that there is a clearer line? That's because someone is talking there...
Well, we can select the frequency to listen to by writing it in the box, or by clicking on it in the waterfall.
But it may not be heard well... that will be because of the "mode", since if we listen below 10,000 kilohertz (KHz), it will be in LSB, and above, in USB. Do you already have it set to LSB? Brilliant!
Well, now to listen to contacts from other radio amateurs.
Sending the reception report.
Have you already listened to someone? Would you like to have your QSL card? Well, we will have to send ours with our reception report. And what is this reception report? Well, it is a 5-digit number called "SINPO", and each number means a different thing:
The first, which corresponds to the letter "S" of the word SINPO, is how strong we receive it. It is a number from 1 to 5 and the receiver tells us... do you remember the image above? because it is the indicator shaded in yellow. In the receivers, it can also be a needle, but here it is a green bar that indicates the strength of the signal. In the example, we see that we receive the signal with a strength between S6 and S7… come on… a strong signal, without it being the maximum.
We measure this strength from 1 to 5, being a little strength a 1, and a lot a 5. Therefore, the signal 6 that the receiver in the example tells us is above half, we give it a 3.
The next number is the one that corresponds to the letter "I", which is the interference that we hear from other radio amateurs. For example, if the signal is very clear, we can say that it has an I of 5, but if we see that there is some noise from another nearby signal, we can lower the I to 4... if there is a lot of interference, then a 3... interference?... a 2. But in the event that there are so many, so many interferences that it is almost impossible to understand what it says, we will say that the I is a 1.

CÓDIGO SINPO

S Señal. Fuerza		I Interferencias	N Ruido	P Desvanecimiento	O En general
Excelente	5	5 Nula	5 Nulo	5 Nulo	5 Excelente
Buena	4	4 Ligera	4 Ligero	4 Ligero	4 Buena
Aceptable	3	3 Moderada	3 Moderado	3 Moderado	3 Aceptable
Mala	2	2 Intensa	2 Intenso	2 Intenso	2 Pobre
Inaudible	1	1 Extrema	1 Extremo	1 Extremo	1 Inservible

More letters. The "N", which is the natural noise of the radio. There are times that when we listen to the short wave, there is so much noise caused by the atmosphere, that the signal of the "S" indicator, without anyone speaking, is well above the signals that we can hear. Well, this natural noise of the radio, we also measure it from 1 to 5, with 1 being a lot of noise, and 5, without noise.



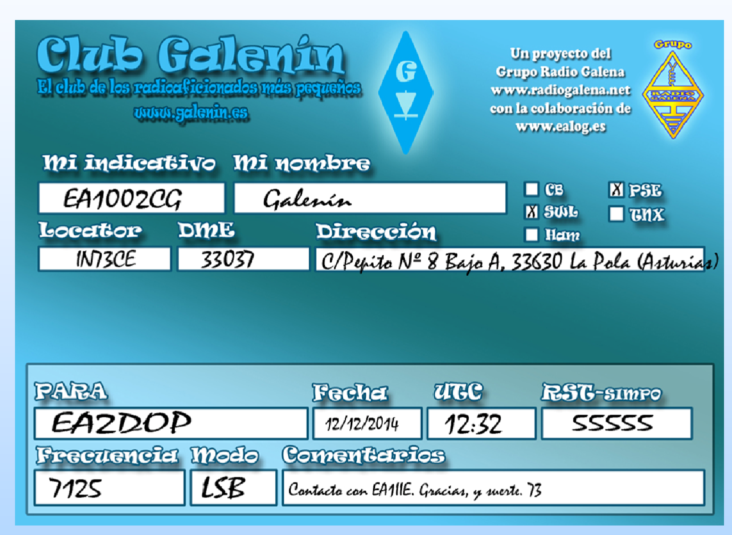
Another letter, now the "P". or fading… fading… come on, the signal we hear can also disappear, and there will be times when it sounds very good, but a second later we can barely feel it. Like the previous ones, we measure it with numbers from 1 to 5, being 5 when there is no fading at all, and 1, when there is a lot.
And finally, the letter “O”, which is the general evaluation of the listener. If we have listened well, then a 5, on the contrary, if we have had a hard time understanding what was being said, why there was noise, interference, fading... we give it a 1.
But where do we write this?
Well, in the logbook, which is where we write down all the stations that we listen to. And we'll point things like...

- The date
- The time
– The Band or frequency
- The mode
– who was speaking
– With whom you spoke (Your interlocutor)
– And the comments we deem appropriate.

Indicativo	Corresponsal	UTC	Fecha	Banda	Modo	SINPO	Comentarios
EA2DOP	EA1IIE	1232Z	12/12/2014	40M	SSB	55555	Quiere QSL
A6HDE	EA1OK	1845Z	13/12/2014	12M	SSB	32212	No le entiendo apenas

In the image, we see that it is like a table that we are filling in, and we do it with the data that I was commenting on.

Once we have the contacts that we have heard written down, from which we are interested in receiving their card, we pass them to ours to send it to them. And we fill it as in the following image:
Note that I checked the “SWL” box, since it is a radio listening report, and also, one that says “PSE”… this is because we are asking the radio amateur to send us his card. If it were a contact made by us, and that our interlocutor had sent it to us, we would be thanking him by checking the box
“TNX”.


Club Galenín
El club de los radioaficionados más pequeños
www.galenin.es
Un proyecto del Grupo Radio Galena
www.radiogalena.net
con la colaboración de www.ealog.es

Mi indicativo: EA1002CG
Mi nombre: Galenín
☐ CB ☒ SWL ☐ Ham
☒ PSE ☐ TNX
Locator: IN73CE
DME: 33037
Dirección: C/Pepito Nº 8 Bajo A, 33630 La Pola (Asturias)

PARA: EA2DOP
Fecha: 12/12/2014
UTC: 12:32
RST-SINPO: 55555
Frecuencia: 7125
Modo: LSB
Comentarios: Contacto con EA1IIE. Gracias, y suerte. 73

http://www.galenin.radiogalena.es/

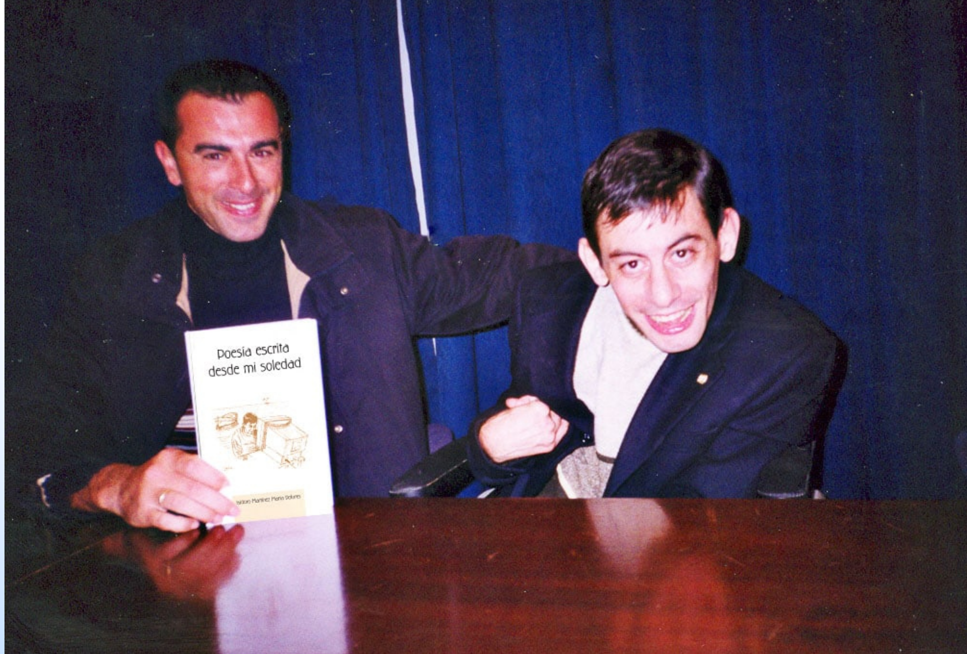


Informatics in amateur radio

Isidoro Martínez María-Dolores EC5CYT

Amateur radio is linked to computers, but what is a computer and how does it work? A computer is an electronic equipment based on the motherboard, the CPU "CENTRAL PROCESSING UNIT", the CPU consists of the following parts: the microprocessor, which is the heart of the computer, because it contains the instructions in the binary system in the ones and zeros, then we have the memories the RAM and the ROM, as well as the Arithmetic LOGIC UNIT, where all the arithmetic and logical operations of the computer are done. It is already essential to have a computer in our radio room, since we can use it to practice digital communications, for example: RTTY, PPSK, FT8, etc., we can also use the web to listen to the different HF bands, this This topic is very important to me, because in recent years I have lived in a residence for people with disabilities and for this reason I use the web to listen to HF frequencies, as well as how to communicate with other radio amateurs around the world, thanks to the ECHO-LINK program





.

Y quiero dar mil gracias principalmente a todos mis amigos de al grupo de radioaficionados de EA1SPAIN, por poder publicar mi segundo libro de poesías.

Font : **Isidoro Martínez María-Dolores EC5CYT**



AM500TOR. Tornaviaje de la Nao Victoria.

The Regional Section of URE in San Fernando (EA7URF) culminated last March 27 eight days of radio to commemorate the V Centenary of the Nao Victoria Tornaviaje.
This is the ninth date with the greatest universal feat in the maritime environment. A genuinely Spanish company that resulted in a total change in the conception of the world in the 16th century and with it in many disciplines, when the roundness of the Earth was completed.
With the call sign AM500TOR (TORnaviaje), the EA7URF operators, as in previous events, deployed their capabilities in the authorized HF segments. The operation was carried out on phone, CW, FT-8 and FT-4, RTTY, PSK and SSTV.



In the highest bands, the activity was executed in DMR, C4FM and other digital modes both in the radio-radio variant, and through the repeaters to which the EA7URF has access, some of them connected to the Internet, which had repercussions positively by extending the scope of the activity worldwide.
It was also transmitted through ECHOLINK, through the Amigos en la Distancia (AELD-ESP) conference, which, configured by its administrator, in multiconference, allowed reaching lovers of this variant of VHF communications.
The activity was very well received by the radio amateur community, which was clearly palpable by the number of calls since the first transmission. As a result of this follow-up, we have reached more than 5,000 contacts, which have been accompanied by more than 17,600 visits to the AM500TOR qrz.com profile.



On April 1, four posters of the Nao Victoria were raffled, courtesy of the Nao Victoria 500, which is moored in the port of Seville, and which is a meeting point with the Magellan-Elcano Expedition. The winners were colleagues EA7HPU, EA7JBK, EA7ACI and EA7KQQ, whose photographs posing with the posters in their shack were published on the social networks and internet portals in which this Section participates.
We are already confirming the contacts made physically and digitally, in accordance with

the qsl policy that is followed for the activities framed in the Commemoration of the V Centenary of the First Circumnavigation of the World, with a view to everyone being able to receive the card designed for the purpose. That is, via bureau and directly, as well as through QRZ.COM, HRDLOG.NET, CLUBLOG, LOTW, eqsl and via email.



We are also in the process of sending the diplomas in their four modalities to those correspondents who have received them.

Regarding the QSL, we would like to point out that on this occasion the front of the card includes a work painted by Augusto Ferrer Dalmau. This is the moment in which the crew of the Nao Victoria says goodbye to the Nao Trinidad, until then the Captain of what was left of the Spice Fleet. A forced farewell due to the poor condition of the ship commanded by Gonzalo Gómez de Espinosa, who would try to carry out the Tornaviaje across the Pacific to what we know today as Panama, and which finally sank in the Pacific days after the departure of she.

As always we want to thank all those who have participated in the AM500TOR in the various bands and modes in which we have been broadcasting. Also to those who have contributed to the dissemination of our activity in radio forums and on social networks. Likewise, to the administrators of the echolink networks, nodes and repeaters that have allowed us to extend the scope of the activity. And finally, to the NAO VICTORIA 500, which, located in the port of Seville, stands as a point of contact with the history of the First Round the World, and which donated the four raffled posters to us.

We would like to make a public mention and express our gratitude to the operators of the Regional Section who generously, from March 19 to 27, dedicated their time to contributing to the dissemination of our history and giving visibility to amateur radio in other forums. These were: EA7BNL, EA7CZS, EA7DJQ, EA7EKS, EA7HLU, EA7JUJ, EA7KJJ, EA7KOA, EA7KOK, EA7KPJ, EA7KRB, EA7LZ.

And finally, we say goodbye with the firm promise that we will return very soon, with what will be the last activity of the project presented by the Regional Section of URE in San Fernando to the National Commission of the V Centenary of Fernando's First Around the World of Magellan and Juan Sebastián de Elcano: AM500PCM (Primus Circumdedisti Me). We are trying to make a series of activities around this activity that we will comment on.

We wait for you!

73s EA7URF



DIPLOMA 40TH ANNIVERSARY URV-ABRA



This year 2022 marks the 40th anniversary of the Vizcaya Radio Amateurs Union / Bizkaia Radio Amateurs Association (URV/ABRA), URE section in Bizkaia. To commemorate this event, promote amateur radio and knowledge of Bizkaia, the association launches the following DIPLOMA -TROPHY, available to all licensed radio amateurs.

For the purposes of the diploma, contacts made between 00:00 EA (22:00 UTC) on 04/30/2022 and 23:59 EA (21:59 UTC) on 05/29/2022 will be valid in any mode (phone , CW or digital) or band (from 160 meters to 3cm -10GHz-) with:

Any of the 3 callsigns of the radio club: EA2URV, EA2BI and EH40URV

Any station activating a reference from the province of Bizkaia of any of the following diplomas: DEE (Ermitas de España), DVGE (Geodesic Vertices), SOTA (Summits On The Air), EAFF (Flora and Fauna), POTA (Parks On The Air), IOTA (Island On The Air), WLOTA (Lighthouses), DCE (Castles), DEFE (Railway Stations), DMVE (Monuments and Relics). For an activation to be valid, it must be approved by the organizer of the corresponding award.

There will be different diplomas for HUNTERS and ACTIVATORS, according to the following bases:

More info: https://www.radioaficionadosbizkaia.com/diploma-40o-aniversario-urv-abra/







11th Diploma Radio Club Quijotes In Honor of Amateur Radio Women 2022



The Radio Club Quijotes Internacionales puts on the air the 11th Radio Club Quijotes Diploma in Honor of Amateur Radio Women 2022.

Date:

From May 2, 2022 at 6:00 p.m. EA to May 15, 2022 at 11:00 p.m. EA.

Ambit:

All stations in possession of the corresponding valid Amateur Radio license or authorization.

Bands:

HF: 40 and 80 meters in the segments recommended by the IARU.

DMR TG 21408 Provincial Barcelona and VHF 2 meters.

Call:

CQ CQ CQ 11th Radio Club Quijotes Diploma in Honor of Amateur Radio Women 2022

To get the diploma:



There are three categories GOLD, SILVER AND BRONZE.

In HF mode.

75 GOLD points.

50 SILVER points.

25 points BRONZE.

In the combined mode DMR and VHF 2 meters

20 GOLD points.

10 SILVER points.

5 points BRONZE.

The distribution of points will be done as follows:

The collaborating stations operated by Mujeres and the Radio Club Quijotes station EA3RCQ, will award 5 points, the rest of the collaborating stations will award 3 points. The special station EH3MRA will award 10 points.

Points may be requested from the same station on the same day as long as it is on a different band. The EH3MRA station can be repeated once on a different band on May 13, 14 and 15, which is when it will be on the air.

The Diploma will be sent via email in PDF format.

The log of the contest:

In the log to be recorded: Indicative, name, surnames, telephone, email, station worked, date, time, band and the points received.

Essential summary sheet with the total sum of points, if the points and email are not recorded, the log is taken as a control sheet and the Diploma will not be awarded. The Log must be submitted before June 1, 2022.

The contest log will be sent to the following email address.

concursos@radioclubquijotes.org



MUSEUMS ON AIR (MONA)

From the “DMUE” organization we want to share the “Museum Day”, which is celebrated next Wednesday, May 18, encouraging the activation of art galleries and permanent exhibitions throughout the month.

Culture is a universal good that identifies and differentiates peoples and civilizations since humanity populated the planet. Our roots, evolution and everything that our development entails from the beginning, is part of the material that makes up the knowledge destined to endure and be transmitted. That is why restoration, conservation and exhibition is the basis for all our memories, the memories of humanity, to be consolidated and perpetuated through the ages and, of all this, the museums, our museums, are largely responsible.



To reward the promotional work among all the promoters who put one or several museums on the air, the "Radio Galena Group" through a special raffle, will award an award to the promoter of one of the museums put on the air between the day May 1st and 31st. In addition, three special diplomas in "PDF" format will be delivered to the three activators with the most museums in the air during the same month of May, which can be downloaded from the "DMUE" website. Therefore, the more museums activated by activator, the more options to get the award that will be sent directly to the lucky one at no cost.

Participation in the activity includes the acceptance of the following rules by the participants:

Only all activations made between May 1 and May 31, both inclusive, will be able to participate automatically.

The participation bases on which the “Diploma Museums of Spain (DMUE)” is based will be respected.

Only all those activities that are announced and validated will be valid, with a view to participating in the draw and obtaining the special diplomas.

The deadline for uploading the logs of the activations on the «DMUE» website will be the same as for the activity, between May 1 and 31; that is, all logs uploaded to the "DMUE" website after the deadline will invalidate their corresponding activation to participate in the draw, even when it has been carried out within the date. However, they will count towards one of the three special diplomas.

Both for the draw and for the diplomas, only the “Activator Indicator” field of the form corresponding to the “Announce Activity” section of the “DMUE” website will be taken into account. This field will be taken to carry out the draw between all the activations in time and the computation for obtaining the diplomas.

The diplomas will be accessible, for a limited time of one month, for download from the “DMUE” website once the necessary calculation has been made. Also, from the same website, the lucky winner of the draw will be announced.

The delivery of the award will be made once it is prepared for delivery and the delivery address is confirmed with the winner. The date of the draw will be determined by the organization once the (MONA) is over.

With almost 2,500 museums referenced throughout the geography of our country, it will not be difficult for you to find some near you, ideal and perfect for you to put them in the air inside the "MONA". If it helps you, you can also help yourself from the «DMUE» reference map.

Participating and promoting the museums of your city has a prize.

Special Diploma World Environment Day

WE INVITE ALL RADIO AMATEURS AND SWL.

DATE: From May 31, starting at 00:00 UTC To June 06, at 23:59 UTC. from 2022 (UTC +2 for EA).

FREQUENCY: Amateur radio band, following the recommendations of the IARU.



To obtain the Diploma, (in digital JPG format), it will be necessary to make the following contacts:

Gold Diploma: 10 Contacts with the granting station: If there is a repetition of contact on the same day, it must be in a different mode/band, if it is on a different day, the mode/band can be repeated with a maximum of 2 repetitions in all cases.

Silver Diploma: 5 Contacts with any granting station: If there is a repetition of contact on the same day, it must be in a different mode/band, if it is on a different day, the mode/band can be repeated with a maximum of 2 repetitions in all cases.

Bronze Diploma: 3 Contacts with any granting station: If there is a repetition of contact on the same day, it must be in a different mode/band, if it is on a different day, the mode/band can be repeated with a maximum of 2 repetitions in all cases.

Download template from website

LIST OF OPERATORS YEAR 2022 (some Station may fail for personal reasons.)

It is understood that contacts can be made in the different modes (Fonia, CW, Digital, DMR, Echolink, CB.) depending on the activator options.

Special Stations

Slope

These special stations WILL NOT PASS A PROGRESSIVE CONTROL NUMBER. only on 5/9

Rest of Granting Stations according to the list published by the Organization.

BASES AND LOG: The Bases and the Log, https://selvamar-noticias.jimdofree.com/ or by mail to:

selvamarnoticias@gmail.com

On the web https://selvamar-noticias.jimdofree.com/ the download of the log is prepared so that you can write down your personal data for the application of the diploma with the contacts, the date, time, band and the number. that you will receive from the contacted operator.

The granting stations will pass 5/9 and progressive number and the special stations only 5/9.

APPLICATION DEADLINE: June 20, 2022 Postmark or mail date.

THE LISTINGS WILL BE SENT: Using the Excel template that you can download from the page https://selvamar-noticias.jimdofree.com/ by mail to: selvamarnoticias@gmail.com

The Excel has a summary sheet for the data of the contestant and the List of the contest, essential Name and surnames of the operator, Callsign and email, The name and surnames as well as the callsign will appear on the Diploma.



WINNERS OF THE V SUSTAINABLE WATER MANAGEMENT DIPLOMA:

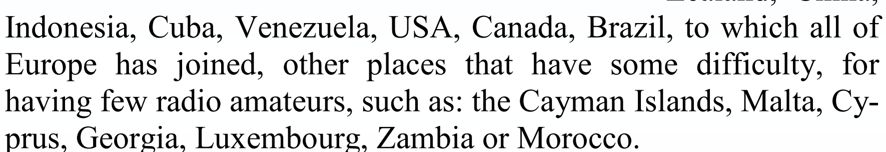
DOUBLE CHAMPION EA5HAY, ANTONIO RUIZ ZARAGOZA AND EA5FM, MIGUEL REQUENA CANTOS



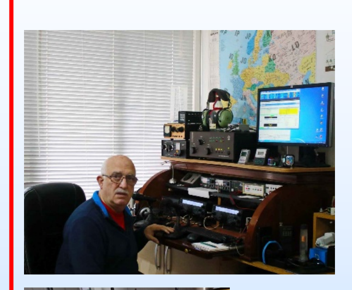
The number of contacts has risen to more than 4,000, making contact this year with countries such as Japan, China and New Zealand, among others.

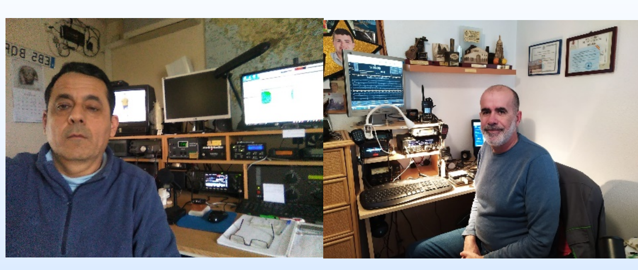
Once the contest was over, the contacts were counted, resulting in a total of 4,224, from 46 countries around the world. Noteworthy for their remoteness are countries such as Japan, New Zealand, China, Indonesia, Cuba, Venezuela, USA, Canada, Brazil, to which all of Europe has joined, other places that have some difficulty, for having few radio amateurs, such as: the Cayman Islands, Malta, Cyprus, Georgia, Luxembourg, Zambia or Morocco.





Participation within Spain has been a complete success since the radio amateurs of district 5 (Valencia and Murcia area) have been the most active, although it has increased a lot due to their possibilities in VHF (very high frequency), which did not have the the rest.











It should be noted that districts 3, 4 and 7 (Catalonia, the center of the peninsula and Andalusia, respectively) have been the largest in terms of participation, followed by districts 1, 6 and 8 (northern Spain, the Balearic Islands and the Canary Islands).

In this edition, 225 diplomas have been awarded in HF (high frequency), 68 in DMR (digital modes) and 35 in VHF (very high frequency).

Like last year we have a double EA5HAY champion, Antonio Ruiz Zaragoza from Santa Pola, who has obtained the maximum amount of points in the HF and VHF modes, and the winner of the DMR mode has been another Alicante from Villajoyosa, EA5FM, Miguel Requena Cantos, our congratulations to both contestants.



The president of the Radio Club Manuel Tevar EA5LR states that "The winners will receive a crystal trophy consisting of a figure of the world on a laser engraved pedestal." "The Board of Directors expresses its gratitude to all the participants in this diploma and to the granting stations: EA5HEW, EA5HZC, EA5HSB, EA5HKZ, EA4EJV, EA5HOX, EC5ALJ, EB5AH, EA5GVJ, EA5ISD, EA5LR, for the work carried out during all the days of the contest" He has indicated.

On the other hand, the Board of Directors of the Radio Club wants to encourage and congratulate those who have not won, but have been left on the doorstep "to see if next year there are more opportunities."

As for the winners:
HF CATEGORY
WINNER EA5HAY 36 points
2nd CLASSIFIED EA3DGE 26 points
3rd CLASSIFIED EA4FTV 20 points
4th CLASSIFIED EA1GM 19 points
5th CLASSIFIED EA1RCU 19 points
VHF CATEGORY
WINNER EA5HAY 31 points
2nd CLASSIFIED EA5JAR 29 points
3rd CLASSIFIED EA5IZV 26 points
4th CLASSIFIED EA5FM 25 points
5th CLASSIFIED EA5CLM 22 points
6th CLASSIFIED EA5JAM 20 points
DMR CATEGORY
WINNER EA5FM 39 points
2nd CLASSIFIED EA5JAR 35 points
3rd CLASSIFIED EA5HAY 34 points
4th CLASSIFIED EC2AFE 33 points
5th CLASSIFIED EA3HET 31 points
6th CLASSIFIED EA3HAW 30 points
6th CLASSIFIED EA3GWC 26 points
6th CLASSIFIED EA5CLM 25 points
6th CLASSIFIED EA3CRD 20 points
6th CLASSIFIED EA2ADP 19 points



What is the Selvamar News Club?

The Selvamar News Club is a section of the magazine in which the followers and friends of the magazine collaborate in its growth, dissemination, participation in events, attendance at fairs and markets and others.

It is a type of patronage, disinterested and altruistic, thanks to which the magazine will continue to be free and free, and will be able to participate in cultural, scientific, and dissemination events of our hobby, it will also be able to carry out contests, activities, challenges, participate in fairs , markets and various events.

More info: https://selvamar-noticias.jimdofree.com/club-selvamar-noticias/



GRUP DX L'ÁNFORA - XXVI AMPHORA TROPHY 2022


WE INVITE ALL RADIO AMATEURS, EA, EB, EC, CT, SWL.-



From May 16 at 5:00 p.m. EA to May 31 at 10:00 pm. EA, 2022. For 16 days.
FREQUENCY: Band of 20, 40 and 80 meters, following the recommendations of the IARU for HF.
To get the Trophy, it will be necessary to make 30 contacts, with the 22 granting Stations + 2 special stations, and you can only contact twice a maximum, with the same station, on a different band or day (20m, 40m, 80m) during all The throphy.
LIST OF OPERATORS YEAR 2022: (some Station may fail for personal reasons.)

EA5 RKL	Estas dos estaciones no pasarán número de control					EA5 URY
CT1 ILO	EA2 AVJ	EA2 BLF	EA2 BRW	EA3 ERI	EA3 UV	EA4 AKF
EA4 CQQ	EA5 DKG	EA5 ASU	EA5BK	EA5FLE	EA5GRC	EA5 JY
EA5 LJ	EB5 HGK	EB5HJY	EA7DA	EA7FQS	EA8 B	EA8 BTM
EA8BYP						

BASES AND LOG WILL BE REQUESTED THROUGH:
SACRI, group public relations, by phone, WhatsApp or Mail: 657725795 - ea2brw@gmail.com
Web, at the following link: https://ea5rkl-grupodxanfora.jimdofree.com/trofeo-anfora-de-manises
The log is prepared for you to write down your personal data for the Trophy request with the contacts, the date, time, band and the number that you will receive from the contacted operator. THE TWO SPECIAL SEASONS WILL HAPPEN ON 5/9 ONLY. I need to bring at least one special. THE LAST 5 DAYS WILL COME OUT.

APPLICATION DEADLINE:
On June 30, 2022, date of postmark or E-mail

THE LISTINGS WILL BE SENT:
By email to Grupodxanfora@gmail.com
The log. It has a summary sheet for the details of the contestant and the List of the contest, essential contact TELEPHONE NUMBER, a photocopy of the proof of payment of €15.00 in the name of GRUP DX L'ANFORA in the La CAIXA account Nº ES61-2100- 1472-23-0100393278
By letter to: GRUP DX L'ANFORA Apdo. Correos 134 E-46940 MANISES including the above in a letter and, if possible, certified.
It is very important that the person who makes the bank transfer indicates the Name, Surname and Indicative of the Contestant.

CANARY ISLANDS, CEUTA, MELILLA AND PORTUGAL:
Essential contact telephone number and tax identification number (DNI, NIF, ETC.), so that the agency and we do not have any problem when sending and receiving the Trophy.

DELIVERY OF TROPHIES:
It will be held in Manises with a brotherhood dinner of the XXVI GRUPO DX L'ANFORA TROPHY if you inform us of your visit to the awards ceremony in advance, we will deliver your award that same day.
WE WILL ALREADY INFORM YOU OF THE DAY OF DELIVERY, OF THE RESTAURANT AND THE HOTEL.

DELIVERY OF TROPHIES:
The transport agency only admits the home address and a telephone number in case you are absent. The trophies, not delivered at the dinner, would begin to be sent in January 2023.

THANK YOU SO MUCH TO ALL THE PARTICIPANTS.



NOTICIAS BREVES

AO#EU: Europe Day "On the Air" 2022

This year the 9th of May falls on a Monday, but we will be active from Friday the 6th to Monday the 9th, all weekend, with special callsigns: AO1EU, AO2EU, AO3EU, AO4EU, AO5EU, AO6EU, AO7EU, AO8EU and AO9EU ; to commemorate the creation of the EU in 1950.



As on other occasions, special QSL and Diploma available. Contact also valid for the Radio Clubs of the World Diploma, EANET.



Special activity Galician Train Museum

On May 7 and 8, a diploma will be activated from a train wagon in the Galician Train Museum with callsign EH1MFG,. And a small replica of a train machine will be raffled among those who contact it,..

You can participate once on the 7th and once on the 8th

Messrs. Selvamar Magazine

I share with you a brief summary of the activity carried out from the Argentine military garrison of Campo De Mayo on Saturday, March 26, 2022.

I arrived at the site in the middle of the morning and I started to install the antennas and equipment, in the course of the evening I was accompanied by radio colleagues who came to help me with the field work carried out.



Everything developed normally doing the work until 8:00 p.m. at night.

In total I made 120 contacts between phone and digital.

The radio session was well accompanied by a fantastic sunny day with pleasant temperatures.

Big hug and thanks for spreading the activity.

Fabián Péndola
LU8DZH-LR8D
Buenos Aires - Argentina

80 years of the famous BIRD meter



It's hard to believe, but the company that makes the industry-leading Bird Wattmeter that radio amateurs have depended on for decades to measure the power output at their stations turns 80 this year. The company will celebrate with a picnic this summer. Happy 80's, bird!



Amateur Radio Union of Catalonia, URCAT DIPLOMA 25 ANNIVERSARY URCAT

To celebrate the 25th anniversary of the creation of the UNIÓ DE RADIOAFICIONATS DE CATALUNYA – URCAT, this diploma is organized with the special callsign AM25URC.
The diploma can be obtained by all duly authorized radio amateurs and radio listeners (SWL) in the world.
Duration: Station AM25URC will be active from 00:01 UTC on 05/15/2022 to 23:59 UTC on 05/30/2022.
Modalities: SSB, CW, Digital (FT8/FT4, PSK, RTTY, SSTV…).
Bands: HF, VHF and UHF.
Prizes: 3 categories of diploma will be awarded based on the contacts obtained. To achieve them, the following requirements must be met:

· GOLD at 10 contacts
· SILVER: at 5 contacts
· BRONZE: at 3 contacts

The contacts will be valid on different days and bands, this means that those made in the same band and on the same day will be considered duplicate contacts and will not be counted towards obtaining the diploma.
Contacts via repeater will not be valid. However, satellite contacts do count towards obtaining a diploma.
These bases can be consulted from: http://urcat.cat/AM25URC/bases
Follow-up of contacts and diploma can be done from:
http://urcat.cat/AM25URC/log
To check if you are worthy of a diploma, it is enough to enter your code in the section: "Log Query". If so, the system will allow it to be downloaded in JPG format.
Incidents and other queries related to the diploma will be resolved through the email address: contest@urcat.cat.

Canary Islands at the forefront of amateur radio

On May 3, on the occasion of the festival of Los Realejos (Tenerife), a new radio club will be inaugurated.
The radio club los realejos was born with the idea of developing this hobby on the island
Like all principles, the enthusiasm to carry out projects, and activities is a lot.
From Selvamar Noticias we wish you a bright future.





SPECIAL ACTIVITY TO COMMEMORATE THE MONTH OF THE SEA IN CHILE



•Start Date: May 1 End Date: May 29

•Bands to work:
80 Meters SSB and FT8
40 Meters SSB and FT8
10 Meters SSB, FM and FT8
2 Meters FM, analog and digital DMR

•Operator Stations:

CD2JUW RAFAEL
CE2GT CHRISTIAN
CE2MHB MIGUEL
CD2DDC DANEL
CB2R ALL
CA1HDG MARCELO
CD2JZB JAVIER
CE2JLH JUAN LEON
CD2SNJ JUAN CARLOS

RECOGNITION TO PARTICIPANTS
•DIGITAL QSL: To a single contact on behalf of the Activator

•DIGITAL CERTIFICATE: Have 4 contacts with Different Activating Stations plus one contact with the CB2R station (independent band and/or mode)

• PHYSICAL CERTIFICATE (national stations only): Have 5 contacts with the Activating Stations plus one contact with the CB2R station (all contacts in the same band and mode)
CONFIRMATION OF CONTACTS OF PARTICIPANTS:
By mail to CB2R.2021@gmail.com
Must include:
DISTINCTIVE SIGN
RS(T)
LOCATION
DATE AND TIME UTC
Maximum delivery date: MAY 31

•Call:

"CQ Certificate, CQ Certificate, Month of the Sea Commemoration by the friends of CB2R"



FIRST PMR COMPETITION IN BARCELOS

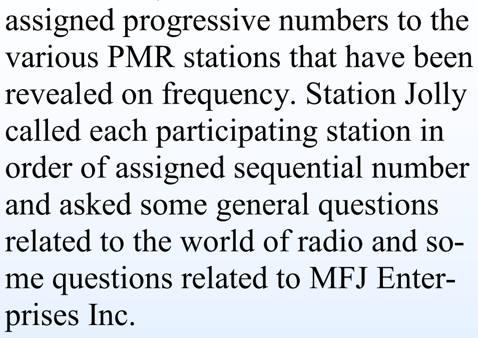


The city of Barcelos (Portugal) is located on the road that connects Lisbon with Santiago de Compostela (Spain) and is linked to the unofficial symbol of Portugal, namely the black rooster with a red crest.



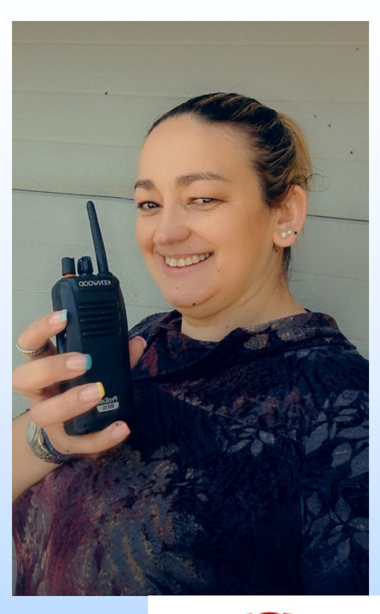
On March 27, the 1st Barcelos PMR Contest was held in this beautiful ancient city.

A competition that has developed in a new and unusual way, not only because of the radio frequencies used (the PMR band to be precise), but also because of the performance itself.



On the 446.06875MHz frequency, from 15:00 to 15:30 a Jolly station has assigned progressive numbers to the various PMR stations that have been revealed on frequency. Station Jolly called each participating station in order of assigned sequential number and asked some general questions related to the world of radio and some questions related to MFJ Enterprises Inc.

The stations that failed one of the questions did not pass the next phase and were eliminated and so on until the last 3 winners were found.



MFJ Enterprises Inc. took advantage of the novelty of the initiative and wanted to be the sponsor of this competition by giving a "gift card" worth USD 50.00 for each purchase made directly on the website www.mfjeter Percorsi

The lucky winner of the gift card was the operator Cidalia PMR5442 who participated with her Kenwood PMR.

It seems that the world of PMR is much more dynamic and alive in the Lusitanian region, almost going hand in hand with the CB city gang.





Activities and contests



Asociación de Radio Experimentadores
del Estado de Puebla, A. C.
Invita

Diploma Cinco de Mayo

160 Aniversario de la Batalla de Puebla

50 puntos para obtener Diploma

Del 1 al 5 de mayo estarán
nuestras estaciones oficiales
todas las bandas en CW, SSB, RTTY, FT8 y FT4

Las puntuacion es acumulativas de años anteriores

Revisa nuestro LOG
http://diploma.puebladx.org





día 2 de mayo de 2022, Día de la Comunidad de Madrid, las estaciones EA4HAG y EA4HQQ activarán el indicativo especial EH4FDM otorgando una QSL conmemorativa a un solo contacto



BASES DE LA ACTIVIDAD Y HORARIOS
Echolink de 10:00 a 11:30 y de 15:00 a 17:00 (todas las horas UTC)
DMR de 08:00 a 20:00 UTC
MODOS
Echolink (Conferencias *AELD-ESP* y *EA1SPAIN*)
DMR (TG21428)
Las QSL's se enviarán vía correo electrónico.
Por favor, asegúrese de tenerlo actualizado en QRZ.com



CQ World Wide WPX
Contest CW
May 28 - 29, 2022



A.VOLTA RTTY Contest

2022: 56th edition
from12:00 GMT May 14th, 2021 until 12:00 GMT May 15th 2021





ISERAMAT 2022
Rendez vous le **14 mai 2022** à Tullins



Concurso Segovia EA1RCS V-UHF



Concurso S.M. El Rey de España CW



Actividades y Activaciones



1 de mayo QSL's especial DÍA DEL TRABAJO



17 de mayo Qsl especial día de las letras galegas



31 DE MAYO AL 6 DE JUNIO DEL 2021
DIA MUNDIAL DEL MEDIO AMBIENTE (SELVAMAR)



CERTIFICADO
Día de la Madre 2022

Fecha 07 / Mayo / 2022
Horario desde las 20.00 a 23.59 UTC
Banda 40 metros
Modos Fonia - FT8 - DMR TG 73088 (Free DMR, YSF CHILE-CE4YLC) Echolink conferencias *AELD-ESP* *ATACAMA* y *REDCHILE*

Para obtener el certificado digital las estaciones deberán contactar con al menos una de las operadoras del CE4YLC, en cualquiera de los modos o bandas indicadas.

El certificado digital podrá ser descargado desde la página de QRZ.COM / CE4YLC o desde la página web http://www.ce4ylc.cl/descargas/

7 de Mayo día de la madre por CE4YLC

May 4 QSL special international firefighter day

May 8 QSL special world day of the red cross and red crescent

May 15 QSL special family day

May 18 international museum day

May 31 QSL special world day without tobacco



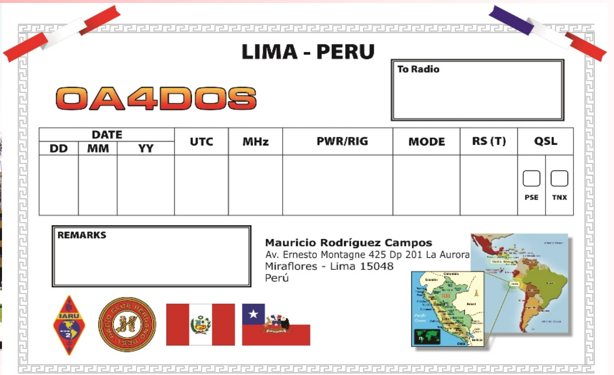


LU3GDT

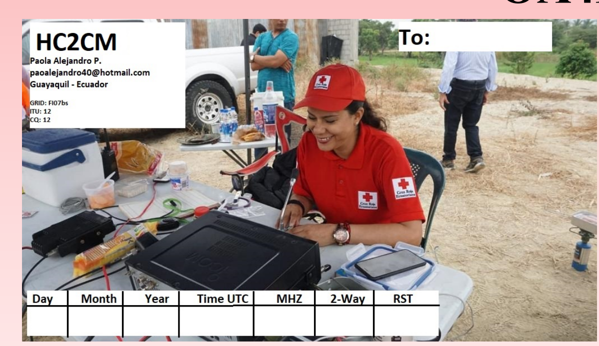


EA8CAZ

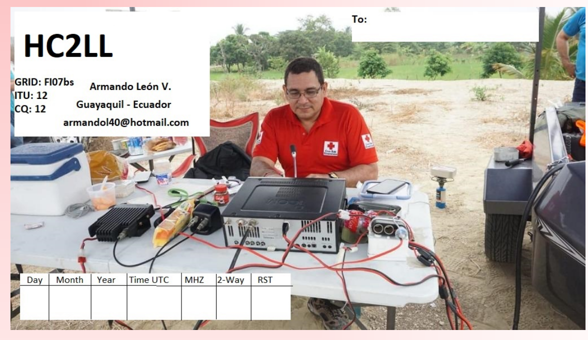




OA4DOS



HC2CM



HC2LL



EA7EQ



XE2DBE



The traveling QSL

In previous installments we already talked about this initiative that consists of sending a series of QSLs to travel the world and in which each recipient adds a note, photo or souvenir.
Well, it's already a reality, they're already out, some are delayed but we already have the first photos of the stations that have been receiving them.

If you receive it, enjoy it and share it

The Traveling QSL continues on its way:
SPAIN - PUERTO RICO - CHILE - MEXICO and now again CHILE
Where will he go now?

CA1AKL
ALEJANDRA

Date: 18-Sept-2021 Qrz: KP4NRF Contry: Puerto Rico Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:
Date: 25-Oct-2021 Qrz: XQ1ROA Contry: CHILE Sign: Tuty Fortuno	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:
Date: 16-Dic-2021 Qrz: XE1LOV Contry: MEXICO Sign: Maria de la Luz OV	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:
Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:	Date: Qrz: Contry: Sign:



La Revista "Selvamar Noticias"

Human beings are very easy to forget.
From Selvamar we want to remember in this issue our colleagues from the Canary Islands who after the volcanic eruption suffered continue trying to rebuild their lives and return to daily tranquility.
There are many who have lost everything, others will take years to recover part of what they already had.
Like many other catastrophes, let's not forget about them when they are no longer news.

selvamarnoticias@gmail.com



Old Man warmly congratulates URCAT for its 25 years of existence, in which it has stood out for its good work, defending the values that should characterise all amateur radio.

Congratulations!|

